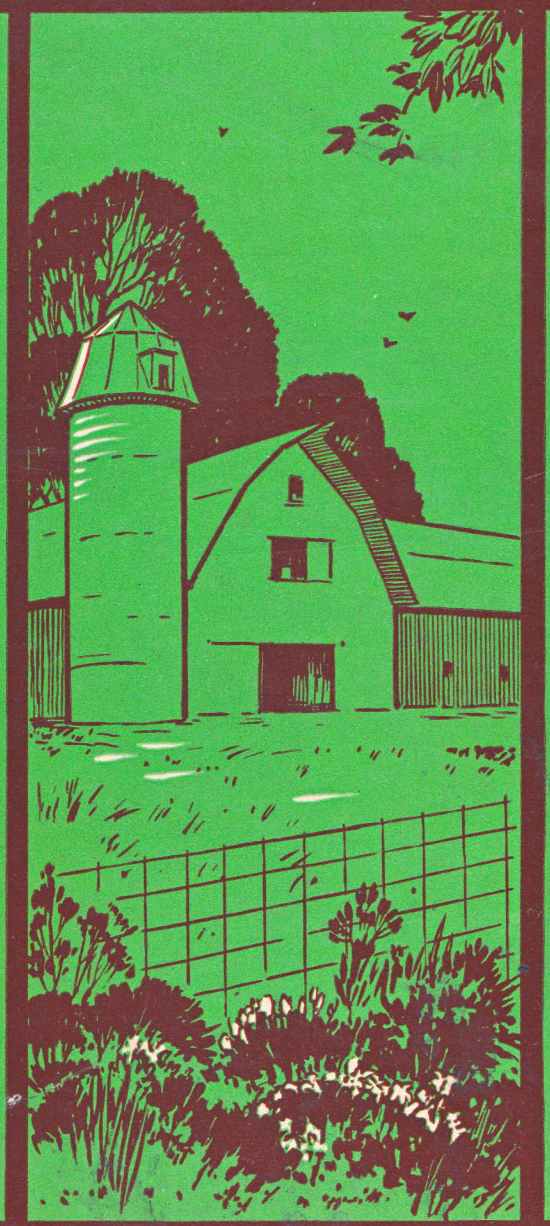
TRUE TEMPER
TOOLS



THE AMERICAN FORK & HOE COMPANY

GENERAL CATALOG NO. I-R

SAN FRANCISCO, CALIF.
FT. MADISON IA.

TRUE TEMPER *Products*

Distributed by The Leading Hardware Jobbers throughout the United States.

- ★ Executive & General Sales Office
- ▣ Sales Office—Sporting Goods Division
- ✪ District Sales Office—Export, Hardware Division and Railway Appliance Division
- ✪ District Sales Office—Hardware Division & Railway Appliances Division
- ◎ District Sales Office—Hardware Division and Sporting Goods Division
- ▣ Manufacturing Plants

TRUE TEMPER TOOLS

GENERAL CATALOG
No. 1R

The American Fork & Hoe Company
1623 Euclid Avenue
Cleveland, Ohio

Preface....

The American Fork and Hoe Company has long been recognized as the leading manufacturer of hand tools of the class distributed through regular hardware channels. Sound business policies and the production of highest quality merchandise unite to maintain this position.

Years ago the Registered Trade Mark TRUE TEMPER was adopted as descriptive of our best products. Thus TRUE TEMPER is more than a brand name; it is a classification of quality. Rigid standards of material, construction and finish must be met before the tools bearing any of our well-known factory brands can carry the TRUE TEMPER trade mark.

TRUE TEMPER Tools now include the well-known Kelly Axes, Hammers, Hatchets, Scythes and other Edge Tools; Skelton Solid Shank, One Piece Shovels and Spades; Conneaut Shovels, Spades and Scoops; together with our famous lines of Steel Goods, Repair Handles, Hand Cultivators and Seeders.

General Catalog No. 1R is our first catalog to display and list in one book all the items of each line. It replaces any previously published catalogs. Designed as a reference book for dealers, it also offers merchandising suggestions and contains information which should be of lively interest to retailers and salesmen.

Copyright
1938

STEEL GOODS

For more than a century **TRUE TEMPER** has been uniting the craftsman at the factory and the user in the field into a world wide fraternity with one common bond, an appreciation of fine tools.

TRUE TEMPER WORLD'S FINEST TOOLS

BURNED into the handle of each TRUE TEMPER Quality Tool is the Factory Brand, the catalog number under which it is listed and the words TRUE TEMPER.

Factory Brands Which Denote the Quality of Tools in This Line.

TRUE TEMPER Quality	Second Quality	Lower Quality
Ashtabula—Diamond	Star	Empire—Panther
Batcheller	Imperial	Empire—Panther
Bolles	Broome County	Panther
Ely	Caledonia	Panther
Fairmount	Pennsylvania	Eagle—Panther
Fort Madison—Iowa	Royal or Western Tool Co.	Challenge—Panther
Geneva	Oxford	Eureka—Panther
Harriman	Tennessee	Empire—Panther
Otsego	Keystone or Columbia	Panther
Southern	Franklin	Empire—Panther
Wallingford	Green Mountain	Climax—Panther
Withington—Jackson	Norris	P & W—Panther

These Facts About Steel Goods Are Important

TRUE TEMPER Superiority

TRUE TEMPER Tools are the leaders in the Steel Goods Line. Improvement is a continuous process and these outstanding points of superiority are obvious aids to merchandising.

The Tubular Ferrule now used on True Temper forks, surpasses the strap ferrule in strength, durability and appearance. It has proved practically unbreakable in service, presents no rough edges to injure the users' hands and has no rivets which tend to work loose.

Increased Socket Length of True Temper Socket Hoes accommodates 25% more handle wood, making these tools much stronger and increasing their lasting qualities in spite of rough use.

Improved Steel of special analysis used in True Temper Tools makes them 30% stronger and more resistant to wear regardless of the type of work they are called upon to do.

Longer Common Ferrules than heretofore used give additional support to handles, increase strength and practically prevent any tendency for a head to work loose.

Perfect Handle Fit eliminates rough edges where the handles enter sockets or ferrules and presents the finished appearance which is characteristic of True Temper Tools.

The Distinctive Brand Mark which is made by a special process of "burning in" on the handles of all True Temper Tools adds definitely to the appearance and merchandising quality of these tools which is further enhanced by their beauty of design and finish.

True Temper Guarantee

Every item of steel goods produced by The American Fork & Hoe Company is made from selected material, with skilled labor and under careful inspection and any True Temper grade of tool which fails to give the service for which it was designed, when given proper care and use, will be cheerfully replaced.

Tools not subject to replacement are ones which show by their condition that they have given sufficient service to have justified their purchase price—for example, a fork in which the tines have been worn back a half inch or a hoe in which the blade is worn back an equal amount.

Neither will we replace tools which show by their condition that they have been used for a purpose other than that for which they were designed—for example, a Header fork which has been used as Manure fork.

Second Quality Tools are not guaranteed but will be replaced if their condition shows that they have not, in fair usage, given the service which the customer had a right to expect at the price which he paid.

Lower Quality Tools are sold at a price which does not justify their replacement.

Right Repair Handles

Since Repair Handles make up a profitable line for all jobbers and dealers in farm and garden tools, it is important that emphasis be placed on Right Repair Handles.

To facilitate ordering Right Repair Handles we have listed the Right Repair Handle number opposite the Complete Tool number for each item.

When these numbers are used we will supply handles of the same grade, size, shape and finish as originally furnished on the tools, complete with ferrules and caps where regularly used. Each handle will carry the factory brand and its own catalog number.

Full listing of Repair Handles will be found in the Handle Section of this catalog.

Packing

The heads of True Temper and Second Quality Tools, with the exception of Heavy Forks, are individually wrapped, and the handles of long handled tools are covered with individual paper tubes. Unless otherwise stated all tools are bundled in lots of one half dozen to the bundle. Wrapping and packing in this manner is for the purpose of assuring convenience in handling, protection in shipment and preservation of finish and appearance.

AN ILLUSTRATED INDEX SHOWING NAMES, TYPES, DESIGNS AND LOCATION OF DIFFERENT TOOLS IN THIS DEPARTMENT

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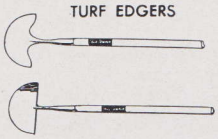
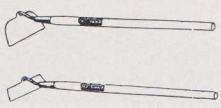
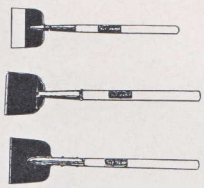
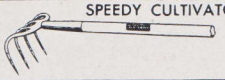
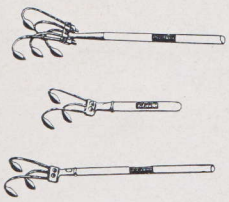
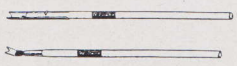
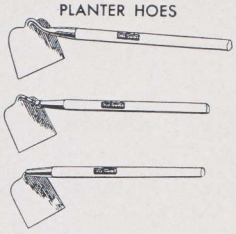
FLORAL WEEDER	34	TURF EDGERS 	39	ONION HOES 	44	SIDEWALK CLEANERS 	49
SPEEDY CULTIVATOR 	34						
INVINCIBLE GARDEN CULTIVATORS 	34	DANDELION SPUDS 	39	ELY TOBACCO HOE	44	PLANTER HOES 	50
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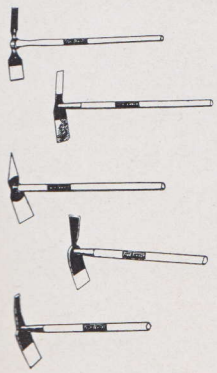
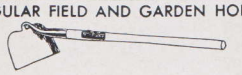
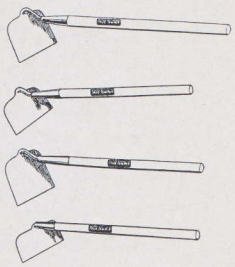
MATTOCK HOES 	35	FLORAL SHOVEL	40	REGULAR FIELD AND GARDEN HOE 	45		
		FLORAL RAKE	40	SELF-SHARPENING HOE	45	COTTON HOES 	50
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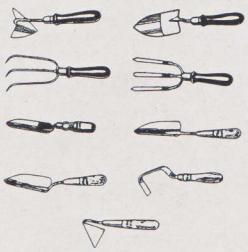
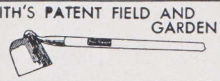
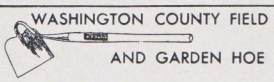
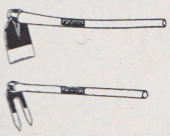
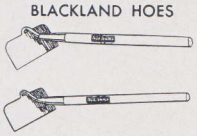
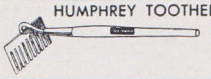
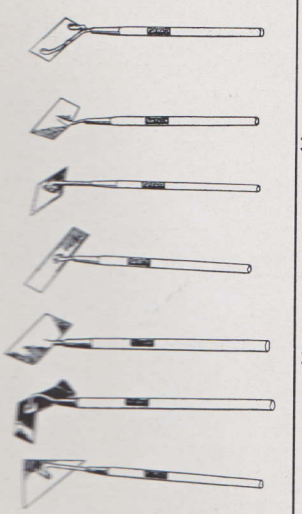
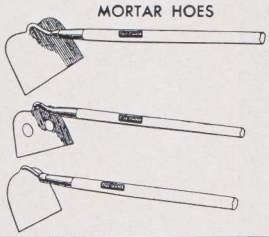
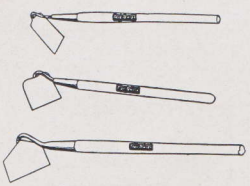
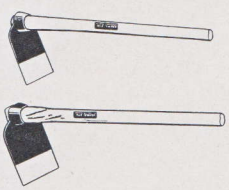
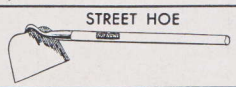
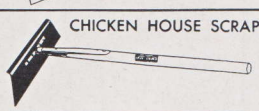
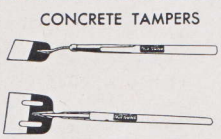
	36	SHORT HANDLED HOES WEEDERS AND TROWELS 	41	SMITH'S PATENT FIELD AND GARDEN HOE 	46		51
				WASHINGTON COUNTY FIELD AND GARDEN HOE 	46		
GRAPE OR GRADING HOES 	36		42	ELY PATTERN CORN HOE	46	SOUTHERN MEADOW OR BLACKLAND HOES 	51
				HUMPHREY TOOTHED HOE 	46		
SCUFFLE HOES 	37	LETTUCE CUTTER	42	MORTAR HOES 	47	PLANTER EYE HOES	52 53
		NURSERYMEN'S & SUGAR BEET HOES 	43			HANDLED EYE HOES 	52 53
	38	WARREN HOE	43	STREET HOE 	47		
		NEWMAN "EASY KUT" HOE	43	CHICKEN HOUSE SCRAPER 	47	CATTLE PROD	54
				CONCRETE TAMPERS 	48	SHEPHERD CROOK	54
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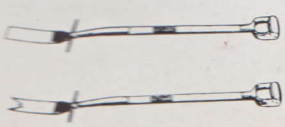
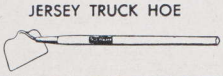
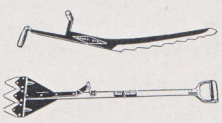
THISTLE AND DOCK CUTTERS 	38	JERSEY TRUCK HOE 	44	ICE CHISELS	48	HAY KNIVES 	54
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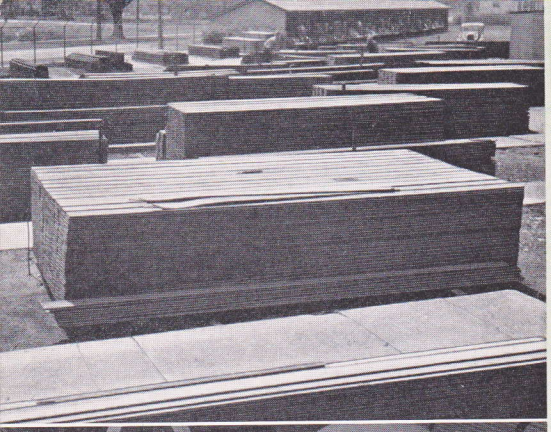
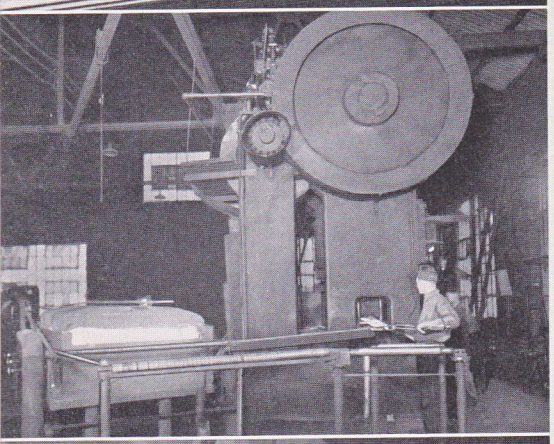
How TRUE TEMPER



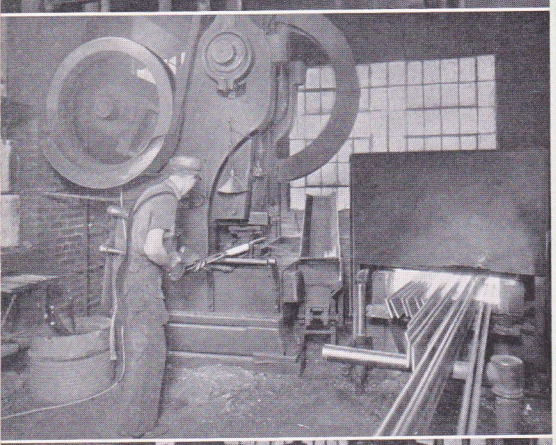
POTENTIAL FORK AND HOE HEADS

Here are tons of bar steel, which must meet rigid specifications as to analysis, piled in a yard convenient to one of our forge shops and waiting to be turned into tools, a process requiring upwards of fifty individual operations.



BIRTHPLACE OF A COAL SCOOP FORK

Giant presses, fitted with special dies, cut up the red hot steel into blanks from which the scoops and other heavy types of fork heads are formed.

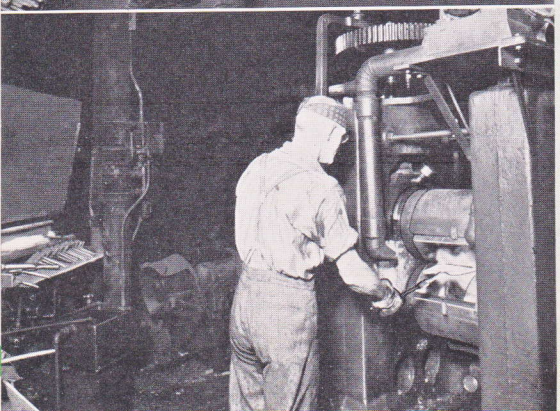


LIGHTER TOOLS BEGIN HERE

The steel bars from which Hay Forks, Garden Hoes and other lighter tools are formed are smaller and do not require such heavy presses to cut the blanks.

THIS PATTERN BECOMES A HEAVY FORK

Specially designed rolls draw out the fingers of the pattern into tines. After all the tines are drawn they are brought parallel and trimmed to length.



ANOTHER PATTERN TURNS INTO A HOE BLADE

Although a little less complicated than the tine rolling operation on a fork, shaping a hoe blade is exacting work, accomplished gradually by repeated passes through specially designed impact rolls. Only a hoe so rolled can have the gradual taper from bead to edge that is absolutely necessary in making a light but strong and durable hoe. Two-piece hoes, made from sheet steel with a welded or riveted pad, can never have this vital feature, being obviously all of one thickness of steel.

A CORDIAL INVITATION

Everyone connected with the distribution of TRUE TEMPER Tools should sometime take an actual trip through one of the plants where they are made. Not only would you find it an interesting expedition but we are sure you would come away with a better knowledge of what TRUE TEMPER really means and fresh zest for selling the line.

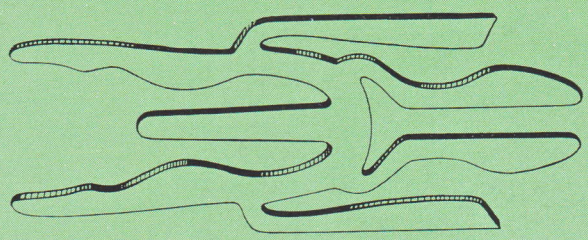
Whenever such an opportunity does arise we assure you you'll find the latchstring out and "Welcome" on the mat. Meanwhile in lieu of a personal tour, we invite you to follow the camera man through these pages, pausing now and then at some of the high spots of our manufacturing operations.

MATERIAL FOR THE FORGE ROOM

As you approach the factory entrance you will walk through one of the steel yards. Piled on all sides are long flat steel bars of varying dimensions waiting to be "worked up" into TRUE TEMPER Steel Goods.

Good tools of this type are always forged. The methods, skill and patience which distinguished the product of the old time blacksmith have been brought up-to-date, adapted to modern production and the product improved through new scientific knowledge.

For one thing, better steel is available. In buying steel today, nothing is left to chance because we know the exact analysis most



Six tine manure forks are forged from blanks like this. The plain tapered finger in the center becomes the shank and the others are drawn out into tines by rolling.

Steel Goods are made

suitable to be worked into the finest tools, a knowledge which is the result of exhaustive tests.

TURNING FINE STEEL INTO FINE TOOLS

Stepping from the sunny yard into the relative gloom of the forge shop, your first impression is likely to be one of confusion. Down the long aisles you catch the glare from open furnaces. On every side men are nonchalantly juggling red hot metal and the clamour of machinery, thudding presses and hissing roar of furnaces is a little bewildering but very shortly everything falls into place in the orderly pattern of modern production.

Enormous presses steadily eat up the red hot bars and spit out blanks from which the tools are formed. To the uninitiated a fork or hoe blank doesn't look remotely like the finished product but as you follow it down the "line" things happen and before your astonished eyes it rapidly develops into a familiar tool.

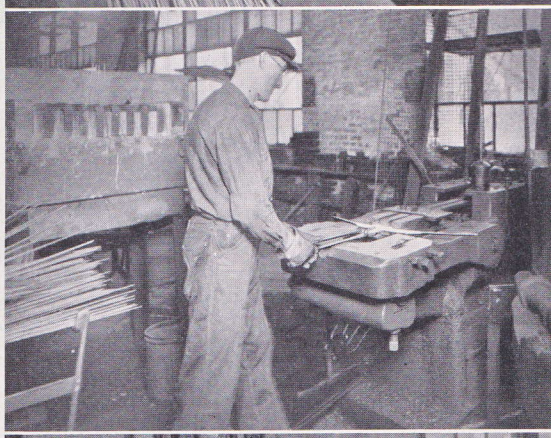
First the rollers take it, heat it red hot once more and start making passes with it at grooved rolls. The short fingers of metal are rolled out one by one into tines, oval, diamond backed, flat or whatever shape is demanded and the fork passed along to the next operation.

Powerful die presses shape the head. Others dish the tines. Over and over the tool goes back into a furnace to be reheated. Again and again it is subjected to impact as it passes along the line. These are the modern versions of the smith's forge and hammer, rendering the steel more homogeneous in texture, stronger and more resilient.

Suppose we leave forks for a while and watch hoes and other tools in the making. Here again is a step by step process. First

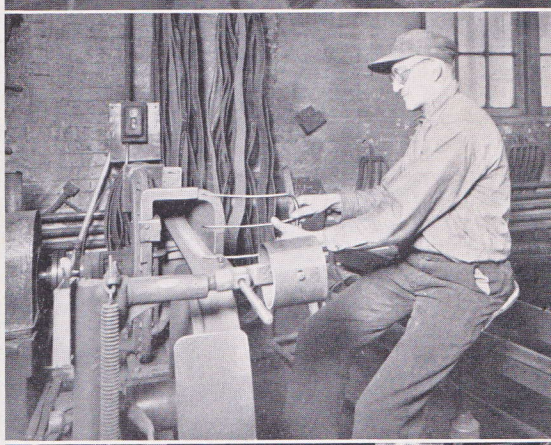
THEY CALL THIS "BULLDOZING"

After it leaves the rolls, the scoop fork is placed in this powerful horizontal press equipped with forming dies which will shape with one stroke the head as it is in the finished tool.



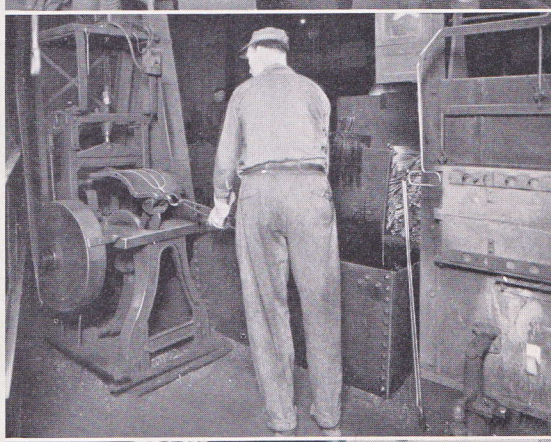
FLAT SHAPING SMALLER FORKS

These forks come from the rolls with outer tines at right angles to those in the center and are then placed in this type of a press where the shoulder is formed and the tines brought parallel in a single stroke.



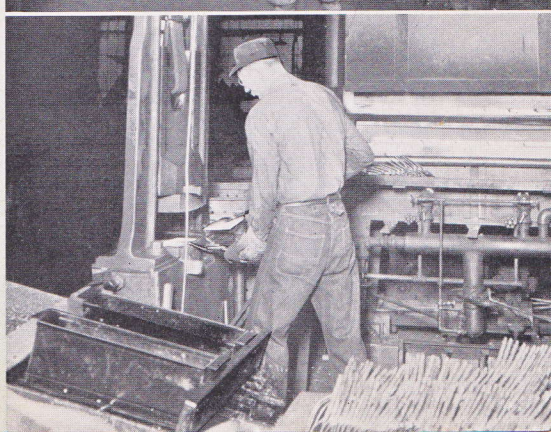
POINTING THE TINES

Highly skilled operators at abrasive belts like this give the sharp points to hay, grain and manure fork tines.



HERE THE FORKS ARE DISHED

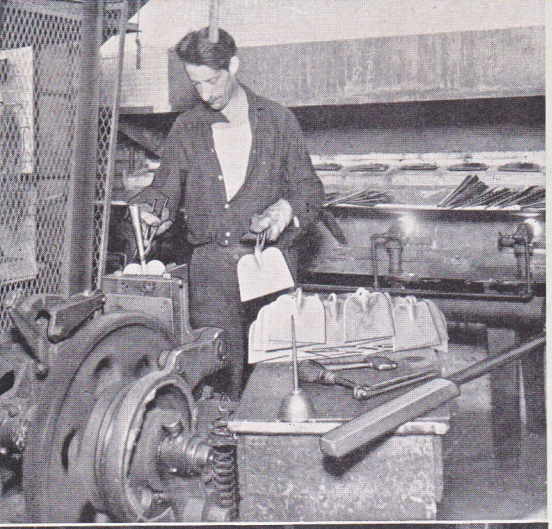
In this press the lower half of the die rolls in and out. The flat fork head is heated again and placed in position for the "in" stroke. Upon its return, it conforms to the curved die and the "dish" is set.



HOE BLADE GETS FINISHING TOUCH

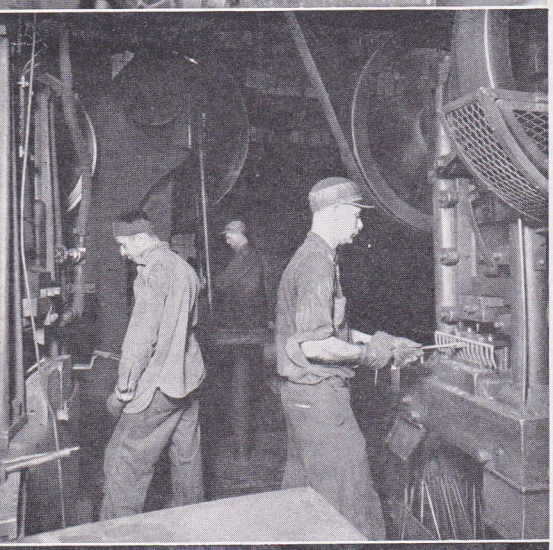
The blades are placed in the furnace and once more brought to forging temperature. Each is laid between the dies of this vertical hammer and subjected to the finishing stroke.

How TRUE TEMPER



PUTTING IN THE "GOOSENECK"

After the hoe blades have been formed, trimmed and the sockets or shanks completed, they come to this operation to have the necks bent. This is a powerful machine which not only bends the neck, but "sets" the blade and neck into a final, finished form, insuring absolute uniformity of pattern.

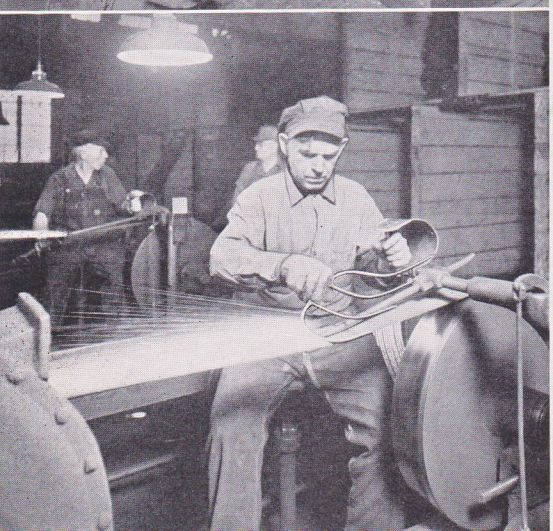


FINAL OPERATIONS IN RAKE FORGING

Level head garden rakes are forged from special high carbon bar steel after which the shank is bent perpendicular to the head in the press shown at the left. The final forging operation is accomplished in the press shown on the right where the shank is punched.

AND NOW COMES TRUE TEMPER

The exact method of tempering these tools involves special treatment and exact timing. The men who give the final temper have the skill which comes from years of experience.



POLISHING FORK HEADS

Here is manual skill at its best. Each TRUE TEMPER fork head is polished by an experienced operator on fast traveling abrasive belts.

the blanks which are rolled into flat roughly shaped blades. Special presses form, punch and finish shanks and sockets. Others trim and complete the blades.

To forge a level head garden rake is a slightly less complicated process and requires fewer operations than are needed for forks, hoes and bow rakes. First the rake is cut and forged from a bar of special high carbon steel with the shank parallel to the teeth. Then a press like the one shown on the left bends the shank up in position to drive into the handle after which the nail hole is punched by the press at the right and the rake is practically ready for assembly.

Of all the operations necessary to turn out TRUE TEMPER TOOLS, tempering is perhaps most important so we pause a moment at one of the tempering furnaces. Here is skill and precision at its best. It is mainly a matter of temperatures and timing and the men in charge have had years of experience in carrying out their work with an exactitude which helps give TRUE TEMPER its meaning.

Now come on into the polishing room where abrasive belts are whirring at high speed and sparks are flying as the rough forged finish tines and blades become the shining, smooth finished heads you are used to seeing and working with. Here forks are given a final pointing while hoes and cutting tools receive the edges for which they are famous the world over.

It is interesting to watch some of the tests which determine whether the tool is real TRUE TEMPER Quality. Inspection, of course, is a continuous process. All along the line of its forming each tool has been subjected to the closest expert examination. Nevertheless, unless it measures up to final requirements it will be rejected.

Steel Goods are made

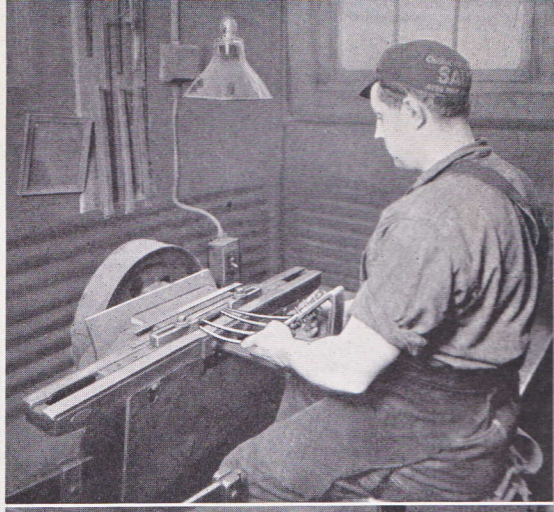
GETTING READY FOR DELIVERY

From this department we'll go on to the handle and assembling department. Watching the handles made involves another trip but we can afford to spend a minute where heads which have passed inspection are fitted with approved handles of the proper grade. Each is machine set and rigidly fixed in a manner which defies the loosening tendencies of time and use.

And over here near the shipping room is a very interesting operation. TRUE TEMPER Quality Tools, as you know, have their mark literally burned into the handles. This is done by an extremely modern electric branding die which is controlled by an "electric eye." The operator places the tool and the machine does the rest. Without this brand no tool is TRUE TEMPER.

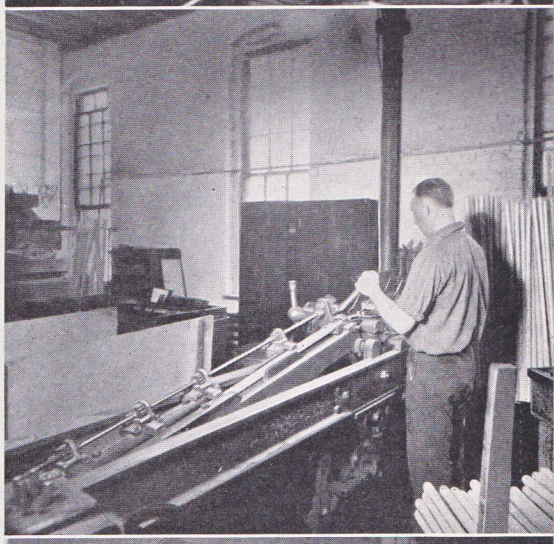
After every TRUE TEMPER Tool has been mechanically tested and before it goes to the packing room, it must pass the critical all seeing eye of the final inspector. This man is harder to please than a well informed purchaser. He examines each detail to determine that construction hang, finish and appearance are satisfactory before he will release the tool for shipment.

Of course we haven't seen it all. That would be impossible in a brief trip like this and no one could begin to describe every operation in such limited space. We do feel however, that we have been able to make you a little better acquainted with our products and have shown you some of the reasons why TRUE TEMPER Tools perform better in service.



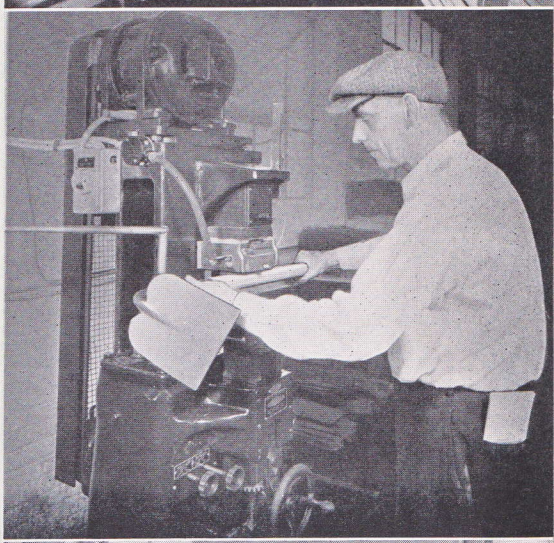
TRUE TEMPER OR NOT?

If it has been correctly tempered each tine after being brought into contact with the others at the extreme points and then released will not deviate from its correct gauge mark. If it shows even a slight bend, the tool will not qualify. Following this compression test they are given an impact blow test to discover any hidden flaws in the steel itself.



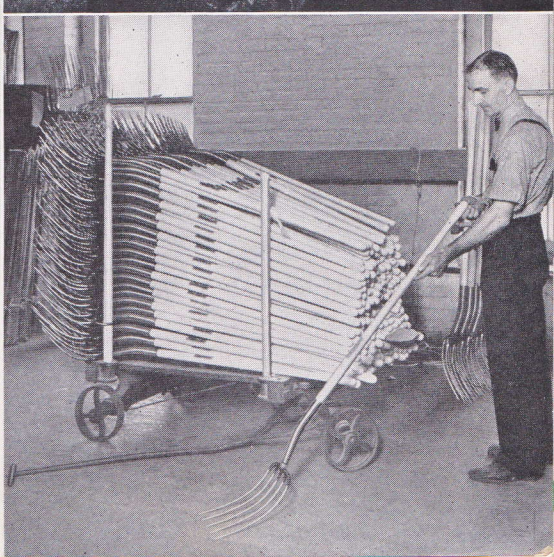
SETTING A HANDLE FOR LIFE

TRUE TEMPER handles are press fitted to the tool heads. Ferrules, Caps and Shanks are so set that the tool becomes a unit and remains one throughout its lifetime unless a handle is broken.



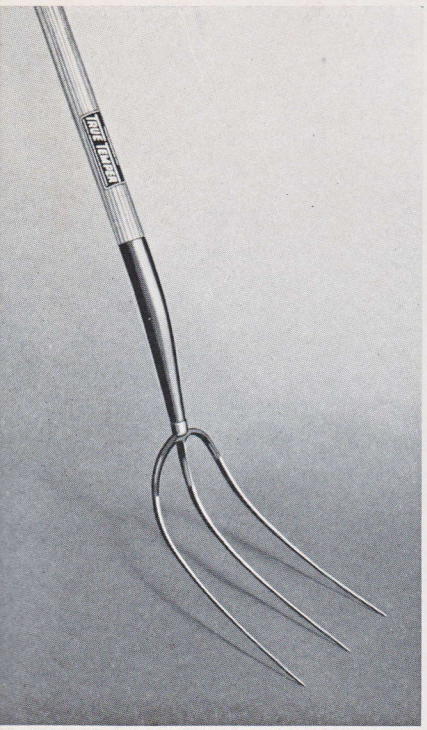
HERE A HOE RECEIVES ITS DIPLOMA

TRUE TEMPER tools follow definite schedules of manufacture and are submitted to the most rigid tests and inspection. Those making the grade are branded TRUE TEMPER by this ultra modern, electric eye controlled machine.



RECEIVING THEIR FINAL INSPECTION

Each tool is inspected by a man who has had long experience and whose trained eye sees the smallest defect. He is an expert judge of exactly what is required of each tool and only after they have individually received his approval are they definitely and finally TRUE TEMPER.



THREE-TINE HAY FORKS
Cat. No. 034½B

Correctly designed in every detail and finely made from the best material, True Temper Forks are known the world over as the standard of fine tools of this type.

THREE-TINE HAY FORKS
Cat. No. 034½BX

Our Second Quality Forks are "second" in "quality" only to True Temper Forks.

TWO-TINE HAY FORKS

TRUE TEMPER QUALITY

Boys' Pattern — 8½" Oval Tines

Complete Tool No.	Straight Handles	Right Repair Handle No.
284	Long Plain Ferrule, 4 ft. Handle	180
284½	" " " 4½ " "	182

Regular Pattern — 12" Oval Tines

Complete Tool No.	Straight Handles	Right Repair Handle No.
26	Long Plain Ferrule, 6 ft. Handle	238
026	Tubular " 6 " "	301

The Boys' Pattern Two-Tine Hay Fork is not only a favorite with boys and women but is equally handy for pitching bundles where a lighter fork is preferred.

THREE-TINE HAY FORKS

TRUE TEMPER QUALITY

Boys' Pattern — 10½" Oval Tines

Bent Handles

34YB	Long Plain Ferrule, 4 ft. Handle	184
34½YB	" " " 4½ " "	186
034YB	Strap Ferrule, 4 ft. Handle	188
034½YB	" " 4½ " "	190

Regular Pattern — 12" Oval Tines

Straight Handles

36	Long Plain Ferrule, 6 ft. Handle	238
034	Tubular Ferrule, 4 ft. Handle	289
034½	" " 4½ " "	292
035	" " 5 " "	295
035½	" " 5½ " "	298
036	" " 6 " "	301

Bent Handles

34B	Long Plain Ferrule, 4 ft. Handle	256
033½B	Tubular Ferrule, 3½ ft. Handle	319
034B	" " 4 " "	325
034½B	" " 4½ " "	328
035B	" " 5 " "	331

Regular Pattern, Bent Handles (Contd.)

035½B	Tubular Ferrule, 5½ ft. Handle	334
036B	" " 6 " "	337

Long Pattern — 13" Oval Tines*

Bent Handles

133½B	Long Plain Ferrule, 3½ ft. Handle	250
134B	" " " 4 " "	256
134½B	" " " 4½ " "	259
0133½B	Tubular Ferrule, 3½ ft. Handle	319
0134B	" " 4 " "	325
0134½B	" " 4½ " "	328
0135B	" " 5 " "	331
0135½B	" " 5½ " "	334

Long Pattern — 14" Oval Tines*

Bent Handles

0143½B	Tubular Ferrule, 3½ ft. Handle	319
0144B	" " 4 " "	325
0144½B	" " 4½ " "	328
0145B	" " 5 " "	331
0145½B	" " 5½ " "	334

SECOND QUALITY * *

Regular Pattern — 12" Oval Tines

Straight Handles

033½X	Strap Ferrule, 3½ ft. Handle	281
034X	" " 4 " "	290
034½X	" " 4½ " "	293
035X	" " 5 " "	296
035½X	" " 5½ " "	299
036X	" " 6 " "	302

Bent Handles

033½BX	Strap Ferrule, 3½ ft. Handle	320
034BX	" " 4 " "	326
034½BX	" " 4½ " "	329
035BX	" " 5 " "	332
035½BX	" " 5½ " "	335
036BX	" " 6 " "	338

Forks with riveted or nailed shanks can be furnished at extra cost.

*"Long Pattern" Three-Tine Hay Forks can also be furnished with straight handles or in Second Quality. When ordering with straight handles use above numbers, omitting letter "B". When ordering Second Quality add suffix "X" to above numbers. Also furnished in Panther Quality.

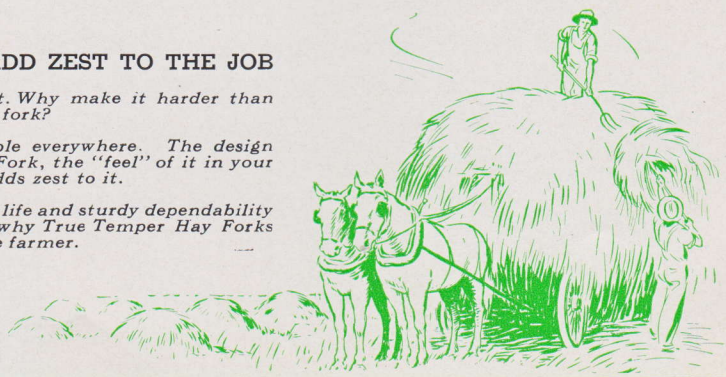
**These Forks can be furnished in lower quality. See Panther Tools, Pages 55 to 60.

TRUE TEMPER FORKS ADD ZEST TO THE JOB

Pitching hay is hard work at best. Why make it harder than necessary by using just any old fork?

True Temper Tools are available everywhere. The design and balance of a True Temper Fork, the "feel" of it in your hands lightens your task and adds zest to it.

When you also consider the long life and sturdy dependability of the tool, you have the reason why True Temper Hay Forks are always the favorites with the farmer.



FOUR-TINE HAY FORKS

TRUE TEMPER QUALITY

Regular Pattern—12″ Oval Tines—Bent Handles

Complete Tool No.		Right Repair Handle No.
44B	Long Plain Ferrule, 4 ft. Handle	256
044B	Tubular Ferrule, 4 ft. Handle	325
044½B	" " 4½ " "	328
045B	Tubular Ferrule 5 ft. Handle	331
045½B	" " 5½ " "	334

SECOND QUALITY *

044BX	Strap Ferrule, 4 ft. Handle	326
044½BX	" " 4½ " "	329
045BX	Strap Ferrule 5 ft. Handle	332
045½BX	" " 5½ " "	335

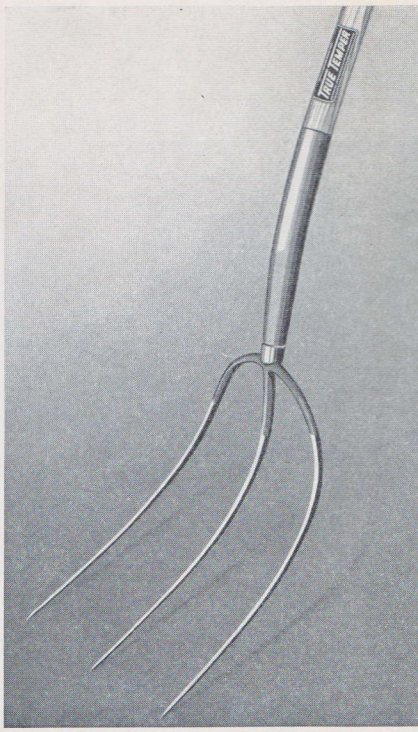
THREE-TINE HEADER FORKS

TRUE TEMPER QUALITY

14″ Oval Tines—Bent Handles			15″ Oval Tines—Bent Handles		
03144	Tubular Ferrule, 4 ft. Handle	170	03154	Tubular Ferrule, 4 ft. Handle	170
03144½	" " 4½ " "	172	03154½	" " 4½ " "	172
03145	" " 5 " "	174	03155	" " 5 " "	174
			03155½	" " 5½ " "	176

SECOND QUALITY

14″ Oval Tines—Bent Handles			15″ Oval Tines—Bent Handles		
03144X	Strap Ferrule, 4 ft. Handle	171	03154½X	Strap Ferrule, 4½ ft. Handle	173
			03155X	" " 5 " "	175
			03155½X	" " 5½ " "	177



THREE-TINE HEADER FORKS
Cat. No. 03144½

A favorite on the western grain farms, for loading, unloading and stacking headed grain and for work at the thresher.

ROUND SHOULDER FOUR-TINE HEADER FORKS

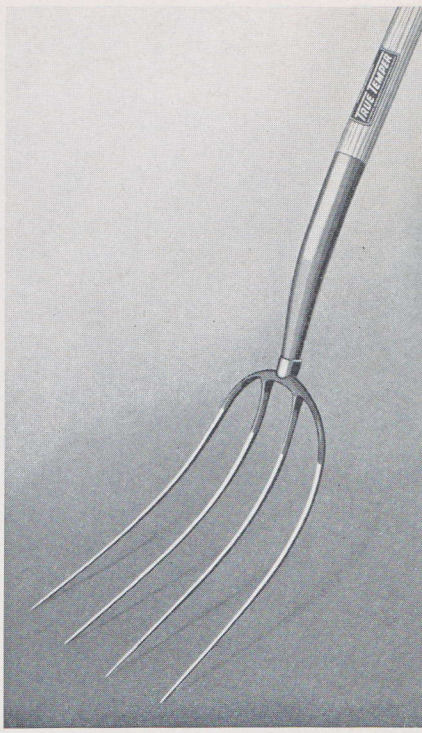
TRUE TEMPER QUALITY

Regular Pattern—14″ Oval Tines Bent Handles			Regular Pattern—15″ Oval Tines Bent Handles		
R0144	Tubular Ferrule, 4 ft. Handle	346	R0154	Tubular Ferrule, 4 ft. Handle	346
R0144½	" " 4½ " "	349	R0154½	" " 4½ " "	349
R0145	" " 5 " "	352	R0155	" " 5 " "	352
R0145½	" " 5½ " "	355	R0155½	" " 5½ " "	355

SECOND QUALITY *

Regular Pattern—14″ Oval Tines Bent Handles			Regular Pattern—15″ Oval Tines Bent Handles		
R0144X	Strap Ferrule, 4 ft. Handle	347	R0154X	Strap Ferrule, 4 ft. Handle	347
R0144½X	" " 4½ " "	350	R0154½X	" " 4½ " "	350
R0145X	" " 5 " "	353	R0155X	" " 5 " "	353
R0145½X	" " 5½ " "	356	R0155½X	" " 5½ " "	356

Forks with riveted or nailed shanks can be furnished at extra cost.
*These forks can be furnished in lower quality. See Panther Tools, Pages 55 to 60.



ROUND SHOULDER FOUR-TINE HEADER FORKS
Cat. No. R0154½

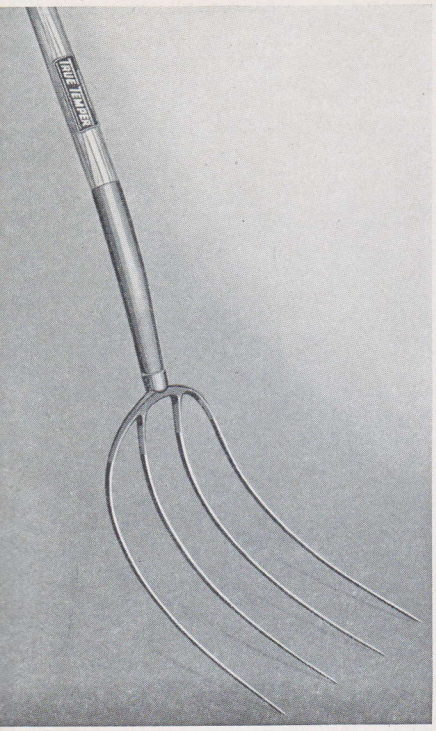
Similar in design to No. 03144½ except for an inch longer tine and the greater capacity which an additional tine provides.

TRUE TEMPER FORKS SPEED UP HANDLING

Harvesting grain is a production job. Every tool used should be selected for efficiency and fast handling.

For loading, unloading, feeding separator and stacking headed grain and straw, True Temper Forks are tops. They are strong and light, properly balanced and designed for quick, easy handling. The spacing, design and shape of the tines give greater capacity and quicker clearance.

Because of these important points and the absolute reliability of the tool, the True Temper Fork has always been the leader in header threshing.



KANSAS FOUR-TINE HEADER FORKS
Cat. No. K0154

Originating in Kansas, this fork with extra deep dished tines has rapidly become a popular tool in other regions as well.

KANSAS FOUR-TINE HEADER FORKS

Bent Handles—Deep Dish—Round Shoulders

TRUE TEMPER QUALITY							SECOND QUALITY *						
Complete Tool No.						Right Repair Handle No.	Complete Tool No.						Right Repair Handle No.
15″ OVAL TINES							**15″ OVAL TINES**						
K0154	Tubular Ferrule,	4	ft.	Handle		346	K0154X	Strap Ferrule,	4	ft.	Handle		347
K0154½	"	"	4½	"	"	349	K0154½X	"	"	4½	"	"	350
K0155	"	"	5	"	"	352	K0155X	"	"	5	"	"	353
K0155½	"	"	5½	"	"	355							
16″ OVAL TINES													
K0164	Tubular Ferrule,	4	ft.	Handle		346							
K0164½	"	"	4½	"	"	349							

Our Second Quality Forks are high grade tools in every respect. They are not, however, fitted with tubular ferrules or with the same grade of handles used in our True Temper Quality and they lack the finer finishes.

MINNESOTA FOUR-TINE HEADER FORKS

Similar to Kansas Header Fork but with 15″ Oval Tines only. Same Dish as Regular Round Shoulder Header Fork.

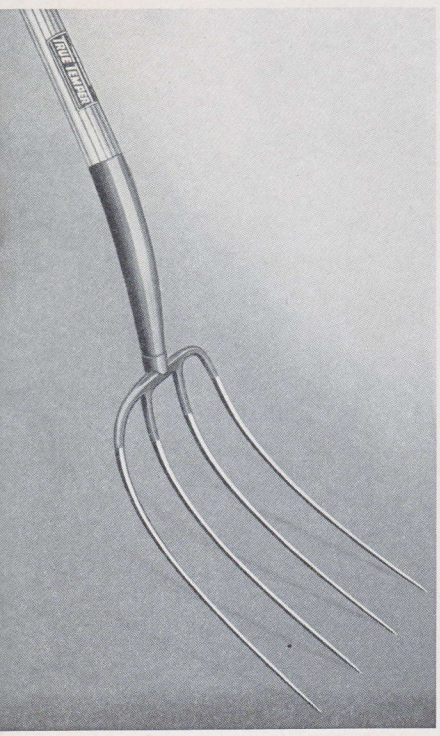
Bent Handles

TRUE TEMPER QUALITY							SECOND QUALITY						
M0154	Tubular Ferrule,	4	ft.	Handle		346	M0154X	Strap Ferrule,	4	ft.	Handle		347
M0154½	"	"	4½	"	"	349	M0154½X	"	"	4½	"	"	350
M0155	"	"	5	"	"	352	M0155X	"	"	5	"	"	353

REGULAR SQUARE SHOULDER FOUR-TINE HEADER FORKS

Bent Handles—15″ Oval Tines

TRUE TEMPER QUALITY							SECOND QUALITY						
S0154	Tubular Ferrule,	4	ft.	Handle		346	S0154X	Strap Ferrule,	4	ft.	Handle		347
S0154½	"	"	4½	"	"	349	S0154½X	"	"	4½	"	"	350
S0155	"	"	5	"	"	352	S0155X	"	"	5	"	"	353



SQUARE SHOULDER FOUR-TINE HEADER FORKS
Cat. No. S0154½

The square shoulder fork naturally has a slightly larger carrying surface than the round shoulder tool and is sometimes preferred for its greater capacity, especially in handling coarse straw.

DAKOTA FOUR-TINE GRAIN OR HEADER FORKS

Similar to Regular Square Shoulder Header Forks except that they have 1″ longer tines and are approximately 1½″ wider at points.

Bent Handles—16″ Oval Tines

TRUE TEMPER QUALITY							SECOND QUALITY						
D0164	Tubular Ferrule,	4	ft.	Handle		346	D0164X	Strap Ferrule,	4	ft.	Handle		347
D0164½	"	"	4½	"	"	349	D0164½X	"	"	4½	"	"	350
D0165	"	"	5	"	"	352	D0165X	"	"	5	"	"	353
D0165½	"	"	5½	"	"	355	D0165½X	"	"	5½	"	"	356

FOUR-TINE ALFALFA OR CLOVER FORKS

These forks are similar to Regular Four-Tine Hay Fork except that they have 1″ longer tines and are approximately 2″ wider at points. Also called Bean Fork.

Bent Handles—13″ Oval Tines

TRUE TEMPER QUALITY							SECOND QUALITY						
A0134	Tubular Ferrule,	4	ft.	Handle		170	A0134X	Strap Ferrule,	4	ft.	Handle		171
A0134½	"	"	4½	"	"	172	A0134½X	"	"	4½	"	"	173
A0135	"	"	5	"	"	174	A0135X	"	"	5	"	"	175

Forks with riveted or nailed shanks can be furnished at extra cost.
*These forks can be furnished in lower quality. See Panther Tools, Pages 55 to 60.

ON THE GREAT GRAIN FARMS OF THE WEST

While it is true that modern machinery plays more and more the lead part in large scale farming, instead of replacing hand labor it has speeded it up tremendously.

To keep the pace, hand tools such as forks must be selected with the utmost care. True Temper Forks leave nothing to chance. There is a proper pattern for every use, each carefully designed and constructed for its purpose.

Always a popular tool on the big farms, True Temper is more than ever in demand today because it so dependably holds its own in modern timing.

FOUR-TINE STEEL BARLEY FORKS

TRUE TEMPER QUALITY

18" Oval Tines—Spring Wire Bails*

Complete Tool No.		Bent Handles	Right Repair Handle No.
B0184	Tubular Ferrule	4 ft. Handle	197
B0184½	" "	4½ " "	200
B0185	" "	5 " "	203
B0185½	" "	5½ " "	206

Bent Handles—I-D-L Steel D-Tops

B018D	Tubular Ferrule	34 In. Handle 361

SECOND QUALITY

Bent Handles

B0184X	Strap Ferrule	4 ft. Handle	198
B0184½X	" "	4½ " "	201
B0185X	" "	5 " "	204
B0185½X	" "	5½ " "	207

Bent Handles—JR Steel D-Tops

B018DX	Strap Ferrule	34 In. Handle 362

FIVE-TINE BARLEY FORKS

TRUE TEMPER QUALITY

18" Oval Tines—Spring Wire Bails*

Bent Handles

B0504	Tubular Ferrule	4 ft. Handle	197
B0504½	" "	4½ " "	200
B0505	" "	5 " "	203

Bent Handles—I-D-L Steel D-Tops

B050D	Tubular Ferrule	34 In. Handle 361

SECOND QUALITY

Bent Handles

B0504X	Strap Ferrule	4 ft. Handle	198
B0504½X	" "	4½ " "	201
B0505X	" "	5 " "	204

Bent Handles—JR Steel D-Tops

B050DX	Strap Ferrule	34 In. Handle 362

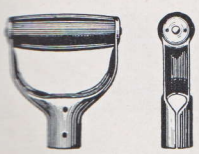
EIGHT-TINE CHAFF FORKS

TRUE TEMPER QUALITY

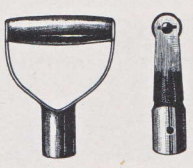
Scoop Shape—Width 17"—Spacing 2¼"—17" Oval Tines

C1717L	Tubular Ferrule	4½ ft. Bent Handle 376

Chaff Forks can also be furnished with extra heavy handles and ferrules at extra cost.
Forks with riveted or nailed shanks can be furnished at extra cost.
*Forks without spring wire bail can be furnished.



I-D-L Steel D-Tops, scientifically designed and lastingly made of selected materials, are standard on True Temper D-Handled Forks.



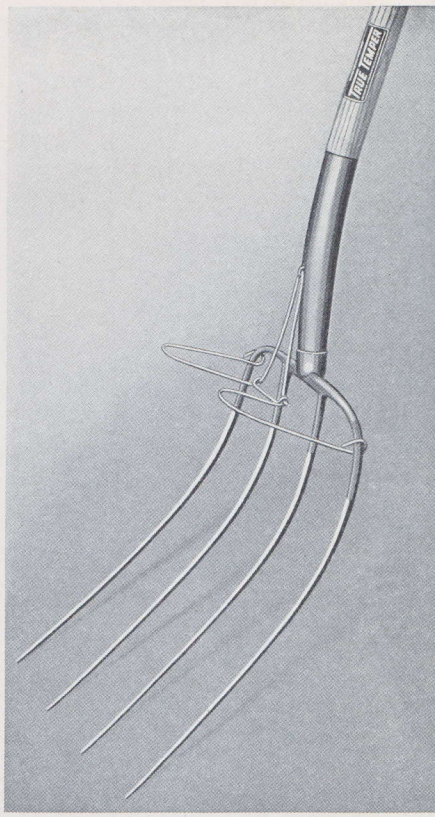
JR Steel D-Tops, made of pressed steel with roomy wood grips are a little different in design and lighter than I-D-L Tops.

WHEN YOU NEED A LARGE CAPACITY FORK

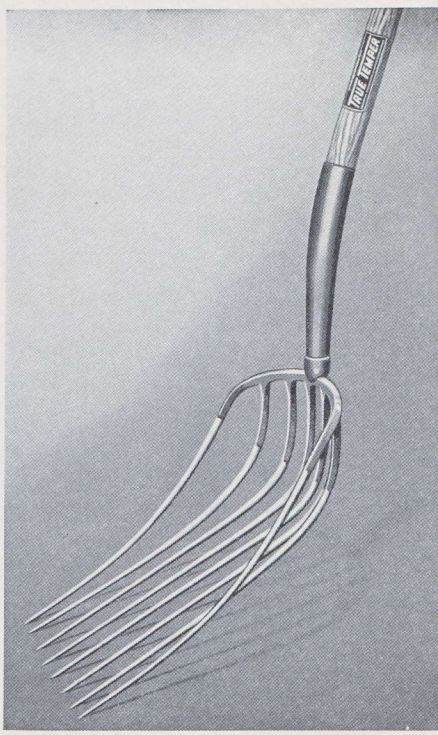
If you want to increase your fork load, you naturally expect the increase to show in the material handled and not in the tool.

After all it's mostly a matter of design, material and construction. The pitch of the tines, their length and spacing are important points. So is the steel and the method of forming which gives strength without excess weight. The right handle material and design is equally necessary for proper balance and strength.

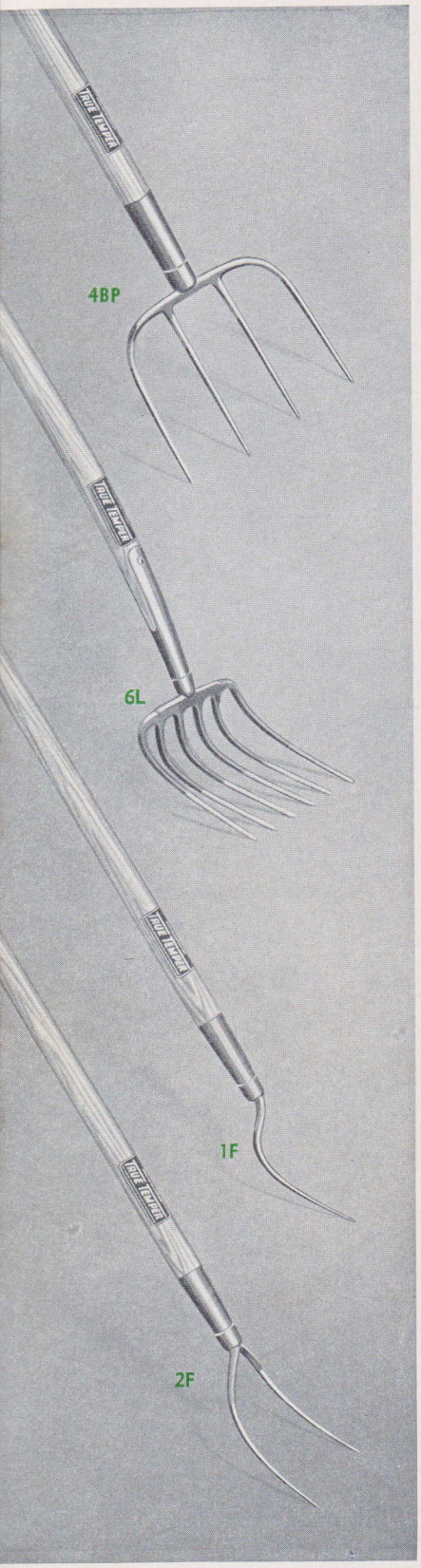
TRUE TEMPER large capacity forks embody all these points and definitely meet every requirement.



STEEL BARLEY FORKS
Cat. No. B0184
This fork has long slender tines with a wire guard at the head. Fitted with a short I-D-L steel handle it makes a good fork for handling loose straw or other light bulky material.



CHAFF FORKS
Cat. No. C1717L
The long tines are scoop shaped, 2¼" apart, making this a satisfactory large capacity header fork as well. It can also be fitted with a short I-D-L Steel D-Top Handle.



Special Use Tools like these help make True Temper Forks the most complete line of forks on the market today.

BALING PRESS FORKS

TRUE TEMPER QUALITY

When ordering specify length of tines and whether straight or curved.

Long Plain Ferrules—Straight Handles

Complete Tool No.		Right Repair Handle No.
3BP	Three Tines....4 ft. Handle	366
4BP	Four Tines....4 " "	364

Straight Handles—I-D-L Steel D-Tops

4BPD	Four Tines....34 in. Handle	368

These forks are made with 4" to 8" oval tines, straight or slightly curved as required. They are exceptionally handy forks for feeding the hay press and are much in demand in sections of the country where hay is an important commercial crop.

STONE PICKER FORKS

TRUE TEMPER QUALITY

Round Tines—Tumbled Finish
Strap Ferrules—4 ft. Bent Handles

6L	Six 7¾ in. Tines, 7 in. Width at Points, 1⅛ in. Spacing	370
8L	Eight 10 " " 8½ " " " " 1 " "	371

Picking up and loading stones from the field calls for a light but rugged tool. These True Temper forks have deeply dished short tines and plenty of strength without being too heavy to handle easily.

FISH FORKS

TRUE TEMPER QUALITY

Round Tines
Long Plain Ferrules—Straight Handles

1F	One Tine....4 ft. Handle	372
2F	Two Tines....4 " "	372
3F	Three Tines....4 " "	372

Bent Handles

1FB	One Tine....4 ft. Handle	375

These are ideal forks for handling fish or scraps around packing houses and fertilizer mills. Special attention has been given the bend of the round tines so that they carry the load easily and release quickly.

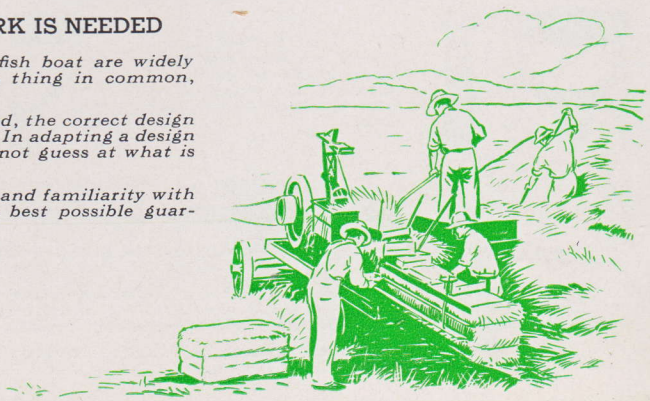
Forks with riveted or nailed shanks can be furnished at extra cost.

ON EVERY JOB WHERE A FORK IS NEEDED

Feeding a hay press and unloading a fish boat are widely separated activities but they have one thing in common, a need for True Temper Forks.

When different kinds of work are involved, the correct design of the fork used is especially important. In adapting a design to a particular task True Temper does not guess at what is needed.

Honest manufacturing, long experience and familiarity with every possible fork application are the best possible guarantees of customer satisfaction.



ACME MANURE FORKS

Reg. U. S. Pat. Off.

Four Oval Tines

Complete Tool No.	Right Repair Handle No.	Complete Tool No.	Right Repair Handle No.
TRUE TEMPER QUALITY		**SECOND QUALITY**	
Extra Selected Bent Handles		Bent Handles	
A044	Tubular Ferrule, 4 ft. Handle....415	A044X	Strap Ferrule, 4 ft. Handle...416
A044½	" " 4½ " " 419	A044½X	" " 4½ " " ...420

REGULAR FOUR-TINE MANURE FORKS

Oval Tines

TRUE TEMPER QUALITY

Bent Handles

44	Long Plain Ferrule, 4 ft. Handle..380
044	Tubular Ferrule, 4 " " ..398
044½	" " 4½ " " ..401

Bent Handles—I-D-L Steel D-Tops

4D	Long Plain Ferrule, 32 In. Handle...389
04D	Tubular Ferrule 32 " " ...407

Bent Handles—Wood D-Tops

04W	Tubular Ferrule, 30 In. Handle...421

SECOND QUALITY *

Bent Handles

044X	Strap Ferrule, 4 ft. Handle...399
044½X	" " 4½ " " ...402

Bent Handles—JR Steel D-Tops

04DX	Strap Ferrule, 32 in. Handle....408

These forks are second in quality only to our own True Temper Forks.

FIVE-TINE MANURE FORKS

Oval Tines

TRUE TEMPER QUALITY

Bent Handles

54	Long Plain Ferrule, 4 ft. Handle..380
054	Tubular Ferrule, 4 " " ..398
054½	" " 4½ " " ..401

Bent Handles—I-D-L Steel D-Tops

5D	Long Plain Ferrule, 32 in. Handle...389
05D	Tubular Ferrule, 32 " " ...407

Bent Handles—Wood D-Tops

05W	Tubular Ferrule, 30 in. Handle....421

SECOND QUALITY *

Bent Handles

054X	Strap Ferrule, 4 ft. Handle...399
054½X	" " 4½ " " ...402

Bent Handles—JR Steel D-Tops

5DX	Plain Ferrule, 32 in. Handle....390
05DX	Strap " 32 " " 408

SIX-TINE MANURE FORKS

Oval Tines

TRUE TEMPER QUALITY

Bent Handles

64	Long Plain Ferrule, 4 ft. Handle..380
064	Tubular Ferrule, 4 " " ..398
064½	" " 4½ " " ..401

Bent Handles—I-D-L Steel D-Tops

6D	Long Plain Ferrule, 32 in. Handle...389
06D	Tubular Ferrule, 32 " " ...407

Bent Handles—Wood D-Tops

06W	Tubular Ferrule, 30 in. Handle...421

SECOND QUALITY *

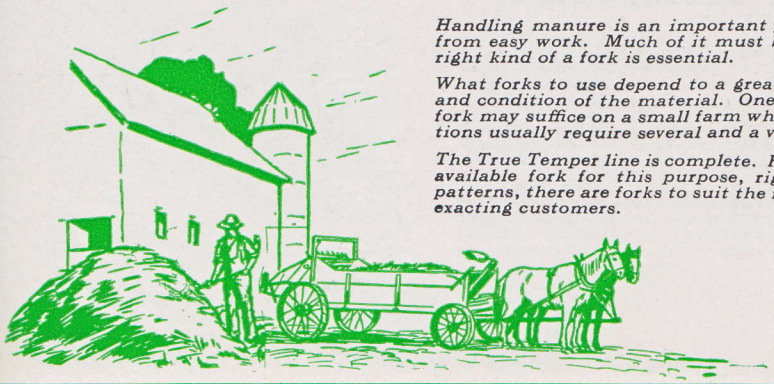
Bent Handles

064X	Strap Ferrule, 4 ft. Handle...399
064½X	" " 4½ " " ...402

Bent Handles—JR Steel D-Tops

6DX	Plain Ferrule, 32 in. Handle....390
06DX	Strap " 32 " " 408

Forks with nailed or riveted shanks can be furnished at extra cost.
Wide pattern long handled forks can be furnished at extra cost.
*These Forks can be furnished in lower quality. See Panther Tools, Pages 55 to 60.

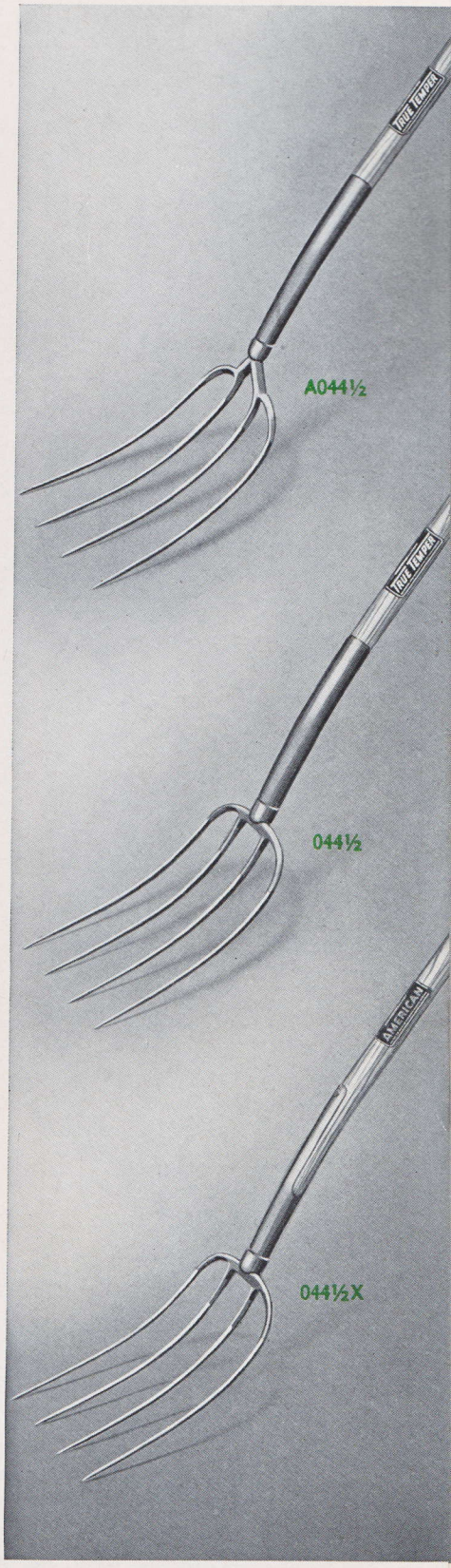


A COMPLETE LINE OF MANURE FORKS

Handling manure is an important job on a farm and is far from easy work. Much of it must be done by hand and the right kind of a fork is essential.

What forks to use depend to a great extent upon the nature and condition of the material. One general purpose manure fork may suffice on a small farm while the larger scale operations usually require several and a variety of patterns.

The True Temper line is complete. From the Acme, the finest available fork for this purpose, right through the regular patterns, there are forks to suit the requirements of the most exacting customers.



The Acme, the regular four-tine and the second quality four-tine manure forks shown here are representative of the large selection available.

The True Temper Four-Tine Spading Fork shown above is a rugged tool built to stand tough going. The Jumbo, shown below, is a little heavier and is especially suited to heavy clay.

REGULAR FOUR-TINE SPADING FORKS

TRUE TEMPER QUALITY

Polished Faces—11 in. Angular Back Tines

Complete Tool No.		Right Repair Handle No.
	Heavy Pattern	
OH4	Tubular Ferrule..... 4 ft. Bent Handle	424
OHD	" " .....30 in. " " with I-D-L Steel D-Top	433
OHW	" " .....30 " " " with regular Wood D-Top	436
	Light Pattern	
OL4	Tubular Ferrule..... 4 ft. Bent Handle	424
OLD	" " .....30 in. " " with I-D-L Steel D-Top	433
OLW	" " .....30 " " " with regular Wood D-Top	436

SECOND QUALITY*

Half Polished Faces—11 in. Angular Back Tines

	Heavy Pattern	
OH4X	Strap Ferrule..... 4 ft. Bent Handle	425
OHDX	" " .....30 in. " " with I-D-L Steel D-Top	434
OHWX	" " .....30 " " " with regular Wood D-Top	437
	Light Pattern	
OL4X	Strap Ferrule..... 4 ft. Bent Handle	425
OLDX	" " .....30 in. " " with I-D-L Steel D-Top	434
OLWX	" " .....30 " " " with regular Wood D-Top	437

A good spading fork must stand the gaff of use in a wide variety of soils. It must enter easily and release freely. It is expected to exert tremendous leverage without bending. True Temper forks dependably meet these requirements.

JUMBO FOUR-TINE SPADING FORKS

TRUE TEMPER QUALITY

Polished Faces—10¾ in. Angular Back Tines

	Extra Heavy Pattern	
JO4	Tubular Ferrule..... 4 ft. Bent Handle	424J
JOD	" " .....30 in. " " with I-D-L Steel D-Top	433J
JOW	" " .....30 " " " with regular Wood D-Top	436J

The Jumbo Spading Fork is just a little heavier than the regular and is designed and built especially for spading hard clay soil or stony ground. The extra heavy angular back True Temper tines are capable of tremendous leverage without bending.

Forks with riveted or nailed shanks can be supplied.
*These forks can be furnished in lower quality. See Panther Tools, Pages 55 to 60.

TRUE TEMPER SATISFIES AN EXACTING MARKET

When you add up all the gardens, flower beds and plots of ground that are hand spaded, the aggregate in acres is enormous. What is more important to the industry is the tremendous market this creates for spading forks.

Considering the wide variation in kinds and condition of soil, it is doubtful if any tool has to stand more all around abuse than a spading fork. If it isn't built to "take it," then it isn't satisfactory.

The manufacturers of True Temper spading forks know this and make ample allowance for these conditions. True Temper spading forks are stronger, better designed, easier handled than ordinary forks of this class. They meet the market's needs in every way.

BOYS' SPADING FORKS

TRUE TEMPER QUALITY

Polished Faces—Four 8½ in. Angular Back Tines

Light Pattern

Complete Tool No.		Right Repair Handle No.
B4L	Long Plain Ferrule..... 3½ ft. Straight Handle.....	445
B4D	" " " .....30 in. " " with JL Steel D-Top.....	447

These are lighter, smaller forks, suitable for work in light garden soil in flower beds and around shrubbery. Women like them because although light and more easily handled they are extremely efficient tools.

REGULAR FIVE-TINE SPADING FORKS

TRUE TEMPER QUALITY

Polished Faces—11 in. Angular Back Tines

Heavy Pattern

O5H4	Tubular Ferrule..... 4 ft. Bent Handle.....	424
O5HD	" " .....30 in. " " with I-D-L Steel D-Top.....	433
O5HW	" " .....30 " " " with regular Wood D-Top.....	436

SECOND QUALITY

Half Polished Faces—11 in. Angular Back Tines

Heavy Pattern

O5H4X	Strap Ferrule..... 4 ft. Bent Handle.....	425
O5HDX	" " .....30 in. " " with I-D-L Steel D-Top	434

The tines on these forks are set closer together than is the case with four tine spading forks This design gives the five tine fork special advantages in handling loose, well prepared garden soil, due to the additional contact area.

ENGLISH DIGGING FORKS

TRUE TEMPER QUALITY

Fork, Shank and Socket Forged from One Solid Piece of Steel.
Square, Chisel Pointed Polished Tines.

Socket Pattern

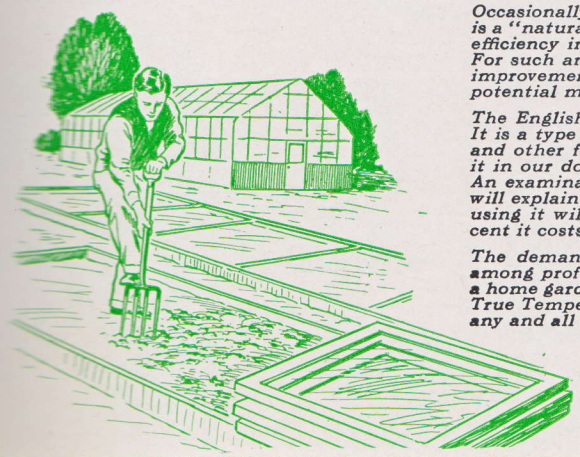
ED4D	Forged Socket.....28 in. Straight Handle with I-D-L Steel D-Top.....	450
ED4	" " .....28 " " " " regular Wood D-Top.....	449

Shank Pattern

EDS4D	Tubular Ferrule and Cap ...30 in. Straight Handle with I-D-L Steel D-Top.....	433S

The tines on these forks are 11½ in. long, having a total spread of 8 in. The fork shank and socket are forged from one solid piece of steel. The square tines are more slender than on the regular spading forks and they are also sharper, entering the ground more easily. This is an excellent fork for use under the most severe conditions. Its construction makes it practically unbreakable.

Five-tine Spading Forks with riveted or nailed shanks can be furnished at extra cost.



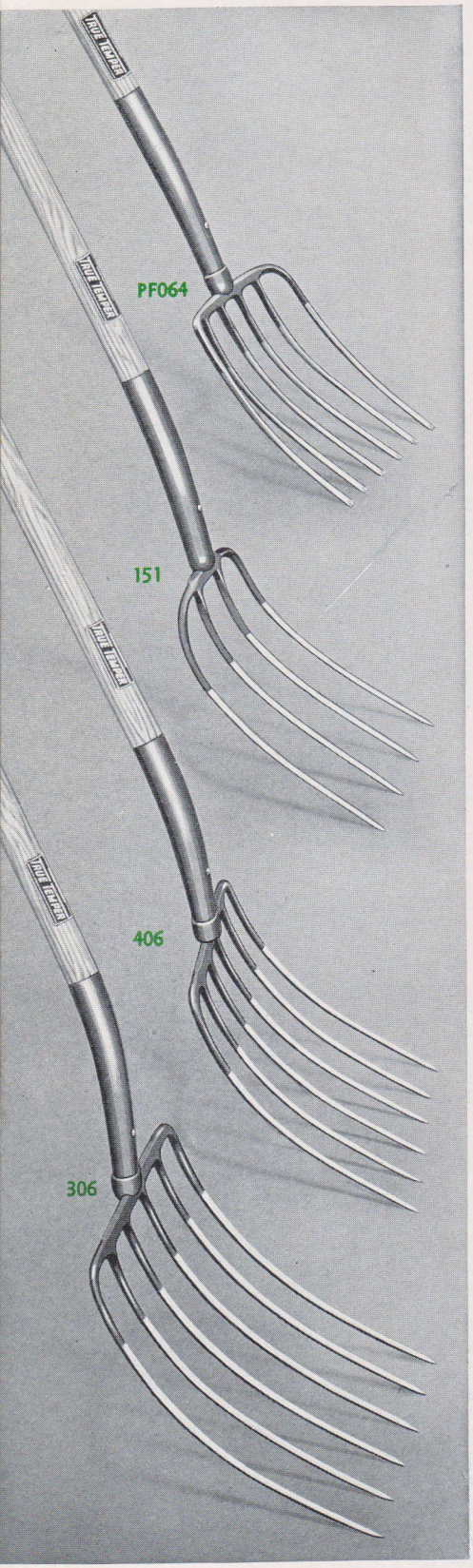
WHEN TRUE TEMPER ADDS AN ITEM TO THE LINE

Occasionally a tool or a new design for a tool turns up which is a "natural" for the True Temper Line because of increased efficiency in use or longer life under necessary rough usage. For such an item to be added, it must have definite specific improvements and it must have a good demand or high potential market.

The English Digging Fork is an example of what we mean. It is a type of tool which has enjoyed large sales in England and other foreign countries over a period of years. We put it in our domestic line because of its remarkable efficiency. An examination of the construction and design of the fork will explain the premium price which it gets. Experience in using it will demonstrate that it is worth every additional cent it costs and more.

The demand for this item is increasing rapidly especially among professional gardeners and nurserymen, although as a home garden tool it cannot be excelled for its purpose. This True Temper spading fork is practically indestructible under any and all conditions.

The Boys' Spading Fork shown above is a very satisfactory tool for boys and women in light soil. The English digging fork, below, is a specially designed and constructed tool preferred by professional and discriminating amateur gardeners.



A representative group of True Temper heavy duty forks designed and constructed to accomplish a variety of industrial tasks.

SIX-TINE POTATO DIGGING FORKS

TRUE TEMPER QUALITY

Complete Tool No.		Right Repair Handle No.
	11 in. Round Tines—Tumbled Finish Width at Points, 9 in.—Spacing 1¼ in.	
PF064	Tubular Ferrule . . . . . 4 ft. Bent Handle	453
PF06D	" " . . . . . 32 in. " " with I-D-L Steel D-Top	456
	SECOND QUALITY 11 in. Round Tines—Black Finish Width at Points, 9 in.—Spacing 1¼ in.	
PF064X	Strap Ferrule . . . . . 4 ft. Bent Handle	454
PF06DX	" " . . . . . 32 in. " " with JR Steel D-Top	457

HEAVY MILL, MANURE, STREET OR PULP FORKS

TRUE TEMPER QUALITY

30" Bent Handles*—Tubular Ferrules—I-D-L Steel D-Tops

Diamond Tines—Half Polished

Complete Tool No.		Tines	Width at Center	Space Between Tines	Right Repair Handle No.
151	Four 14 in.	Heavy	10 in.	2¾ in.	464
153	" 16 "	Extra Heavy	11 "	2¾ "	462
155	Five 14 "	Heavy	10½ "	2 "	462
157	" 16 "	Extra Heavy	11½ "	2¼ "	462

Oval Tines—Half Polished

161	Four 14 in.	Light	10 in.	2¾ in.	464
163	" 15 "	Heavy	11 "	2¾ "	464
165	" 16 "	Extra Heavy	11 "	2¾ "	462
165P	" 14 "	" "	11 "	2¾ "	462
167A	Five 15 "	Heavy	10 "	2 "	462
169	Six 14 "	Light	11 "	2 "	462

CITY PATTERN SIX-TINE MANURE OR REFUSE FORKS

TRUE TEMPER QUALITY

30" Bent Handles—Tubular Ferrules—I-D-L Steel D-Tops

Heavy Oval Tines—Polished Finish

406	Six 14 in.	Heavy	11 in.	2 in.	482

Heavy Oval Tines—Black Finish

406B	Six 14 in.	Heavy	11 in.	2 in.	482

SIX-TINE SHAVING FORKS

TRUE TEMPER QUALITY

Bent Handles—Tubular Ferrules—I-D-L Steel D-Tops

18" Oval Tines—Half Polished

Complete Tool No.	Handle Description	Width at Center	Space Between Tines	Right Repair Handle No.
306	30 in. I-D-L	15 in.	2¾ in.	482
306L	4 ft. I-D-L	15 "	2¾ "	483

18" Oval Tines—Black Finish

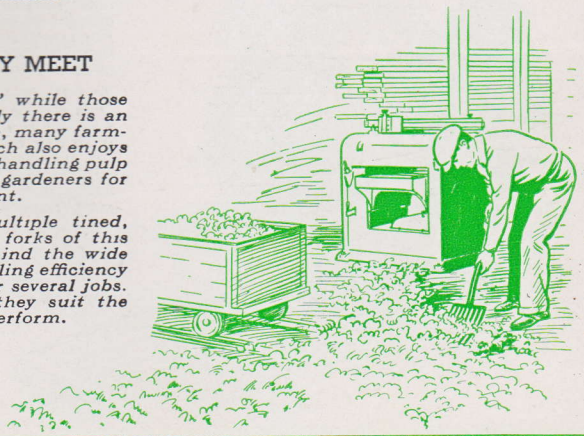
306B	30 in. I-D-L	15 in.	2¾ in.	482
306LB	4 ft. I-D-L	15 "	2¾ "	483

*Forks can be supplied with all steel tubular handles at extra cost.

WHERE FARM AND INDUSTRY MEET

Most farm forks are classed as "light" while those used in Industry are "Heavy." Actually there is an overlapping of application. For instance, many farmers like the heavy duty manure fork which also enjoys wide use as a street cleaning tool, for handling pulp in paper mills and by nurserymen and gardeners for handling manure with high straw content.

The same thing is true of the wider, multiple tined, flat headed refuse forks. In designing forks of this class True Temper has kept well in mind the wide variety of uses possible for each. In handling efficiency they do equally well on any one of their several jobs. As to strength and lasting qualities, they suit the toughest tasks they are called upon to perform.



ENSILAGE, BARN OR KAFFIR CORN FORKS

TRUE TEMPER QUALITY

30″ Bent Handles—Tubular Ferrules—I-D-L Steel D-Tops
Half Polished Finish—Outside Tines Turned Up

Complete Tool No.		Tines	Width Over All	Spacing of Tines	Right Repair Handle No.
506	Six	15 in.	12 in.	2 in.	462E
508	Eight	16 "	13 "	1½ "	462E
510	Ten	16 "	15 "	1½ "	462E

Half Polished Finish—Flat Heads—Outside Tines Not Turned Up

508F	Eight	16 in.	13½ in.	1½ in.	462E
510F	Ten	16 "	16 "	1½ "	462E

Half Polished Finish—Wide Flat Heads—Outside Tines Not Turned Up

508FW	Eight	16 in.	16½ in.	2 in.	462E

Black Finish—Outside Tines Turned Up

506B	Six	15 in.	12 in.	2 in.	462E
508B	Eight	16 "	13 "	1½ "	462E
510B	Ten	16 "	15 "	1½ "	462E

Black Finish—Flat Heads—Outside Tines Not Turned Up

508FB	Eight	16 in.	13½ in.	1½ in.	462E
510FB	Ten	16 "	16 "	1½ "	462E

Black Finish—Wide Flat Heads—Outside Tines Not Turned Up

508FWB	Eight	16 in.	16½ in.	2 in.	462E

Long, slender, smooth tines are spaced just closely enough and properly dished so that with the turned up outside tines these forks will carry a good big load of ensilage.

BEET SCOOP FORKS

TRUE TEMPER QUALITY

32″ Bent Handles—Tubular Ferrules—I-D-L Steel D-Tops
Round Ball Tipped Tines—Tumbled Finish

037S	Seven	16½ in.	13½ in.	2 in.	465
038S	Eight	16½ "	13½ "	1½ "	465

These forks have ball tipped tines which keep them from gouging the beets, are designed to carry an ample load and are the best tools on the market for loading beets and similar vegetables into wagons, trucks or cars.

VEGETABLE SCOOP FORKS

TRUE TEMPER QUALITY

30″ Bent Handles—Tubular Ferrules—I-D-L Steel D-Tops
Oval Flat Point Tines—Black Finish

908	Eight	15 in.	11½ in.	1¼ in.	462
910	Ten	15½ "	14 "	1¼ "	462
912	Twelve	16 "	17½ "	1¼ "	462

Pinch pointed tines with blunt ends protect vegetables, fruit, corn or similar produce from injury in handling. Shaped and balanced like a scoop shovel, this type of fork is just right for efficient hand loading of such material.

COTTON SEED SCOOP FORKS

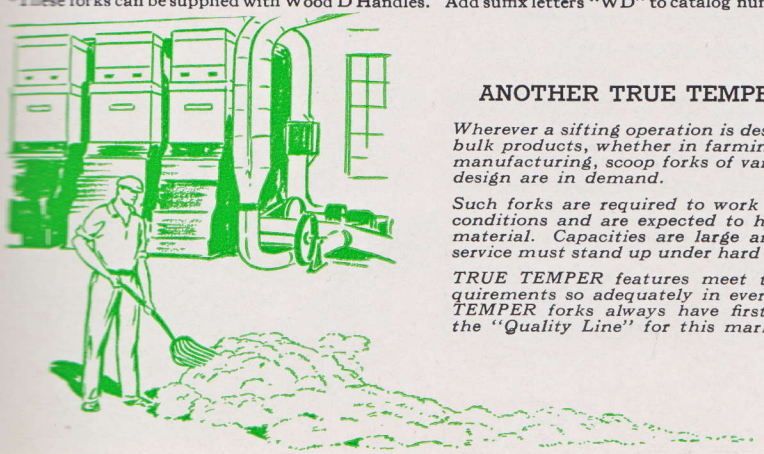
TRUE TEMPER QUALITY

30″ Bent Handles*—Tubular Ferrules—I-D-L Steel D-Tops
Diamond Shaped Tines—Black Finish

410S	Ten	17 in.	14 in.	1¼ in.	462
412S	Twelve	17 "	17½ "	1¼ "	462
414S	Fourteen	17 "	17½ "	1 "	462

Long, closely spaced tines and scoop shaped head make this a satisfactory sawdust or general purpose fork although it is most familiarly known in gin mills and is especially designed for handling cotton seed.

Ensilage or Kaffir Corn Forks can be supplied with Ball Tipped Tines at extra cost.
*These forks can be supplied with Wood D Handles. Add suffix letters "WD" to catalog numbers when ordering

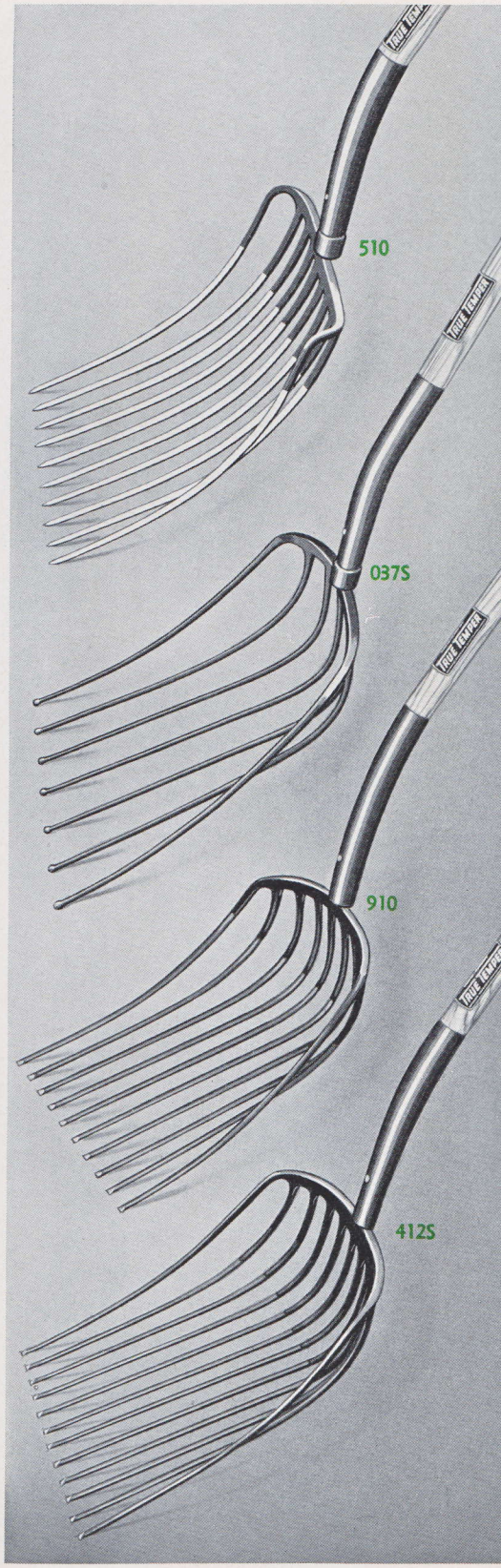


ANOTHER TRUE TEMPER MARKET

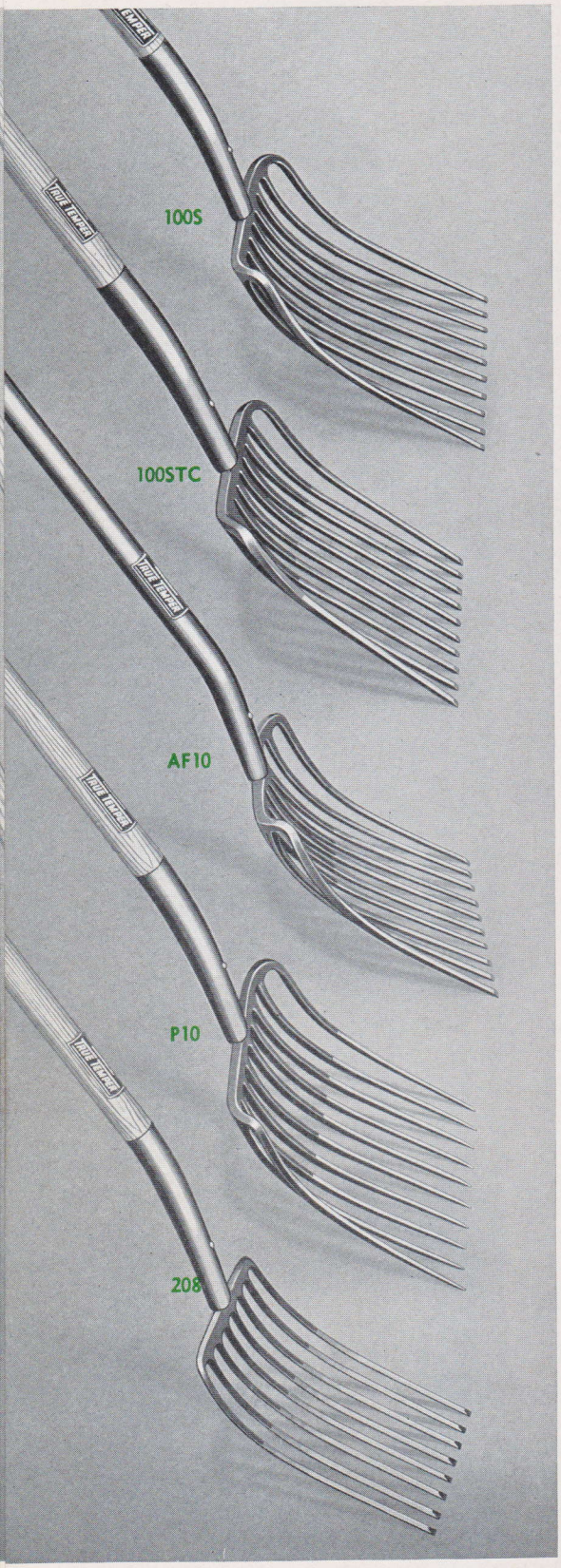
Wherever a sifting operation is desirable in handling bulk products, whether in farming, warehousing or manufacturing, scoop forks of varying patterns and design are in demand.

Such forks are required to work under all sorts of conditions and are expected to handle a variety of material. Capacities are large and a fork for this service must stand up under hard usage.

TRUE TEMPER features meet these exacting requirements so adequately in every way that TRUE TEMPER forks always have first consideration as the "Quality Line" for this market.



The True Temper line of scoop forks is very complete and particular attention has been given to design and construction of each tool, having in mind the job it is expected to do.



This line of Railroad and Industrial tools are the standard of quality tools in their respective fields. They are designed and built to withstand hard service.

STONE OR BALLAST FORKS

TRUE TEMPER QUALITY

30″ Bent Handles*—Tubular Ferrules—I-D-L Steel D-Tops
Square Tines—Black Finish

Complete Tool No.		Tines	Width Over All	Spacing of Tines	Right Repair Handle No.
98S	Eight	13½ in.	10½ in.	1⅛ in.	462
100S	Ten	14 "	13 "	1⅛ "	462
100SB	Ten	13½ "	8½ "	⅝ "	462
100SC	Ten	13½ "	9½ "	¾ "	462
102S	Twelve	13½ "	11½ "	¾ "	462
102SW	Twelve	14 "	13 "	⅞ "	462
104S	Fourteen	13½ "	12 "	⅝ "	462
104SA	Fourteen	13 "	10 "	½ "	462

Diamond Tines—Black Finish

98D	Eight	13½ in.	10½ in.	1⅛ in.	462
100D	Ten	14 "	13 "	1⅛ "	462

RAILROAD TAMPING FORKS

TRUE TEMPER QUALITY

32″ Bent Handles—Tubular Ferrules—I-D-L Steel D-Tops
Square Tines—Black Finish

100STC	Ten	11 in.	9½ in.	¾ in.	479

This fork is specially designed for tamping and is more satisfactory for this purpose than our regular ballast fork. The tamping fork has less curve in tines and the handle is only slightly bent. It is a very practical tool for its purpose.

ALL-STEEL ASPHALT FORKS

TRUE TEMPER QUALITY

30″ Tubular Steel Handles—Iron D-Tops
Square Tines—Black Finish

AF10	Ten	13½ in.	9½ in.	¾ in.	477

The shanks on the All-Steel Asphalt Forks are driven into the handle with metal plugs and riveted through.

PHOSPHATE FORKS

TRUE TEMPER QUALITY

30″ Bent Handles—Tubular Ferrules—I-D-L Steel D-Tops
Taper Point Square Tines—Black Finish

P8	Eight	13 in.	10½ in.	1⅛ in.	462
P10	Ten	13 "	13 "	1⅛ "	462
P10L	Ten	12½ "	13 "	1⅛ "	462
P12	Twelve	13 "	13 "	⅞ "	462
P14	Fourteen	13 "	12 "	⅝ "	462

SLUICE FORKS

TRUE TEMPER QUALITY

5 ft. Bent Handles—Tubular Ferrules
Oval Back, Diamond Face Tines—Black Finish

208	Eight	13 in.	10 in.	1 in.	480
210	Ten	13 "	10 "	¾ "	480
212	Twelve	14 "	14 "	1 "	480

*These forks can be supplied with Wood D Handles. Add suffix letters "WD" to catalog numbers listed when so ordering. Can also be supplied with all steel tubular handles at extra cost.

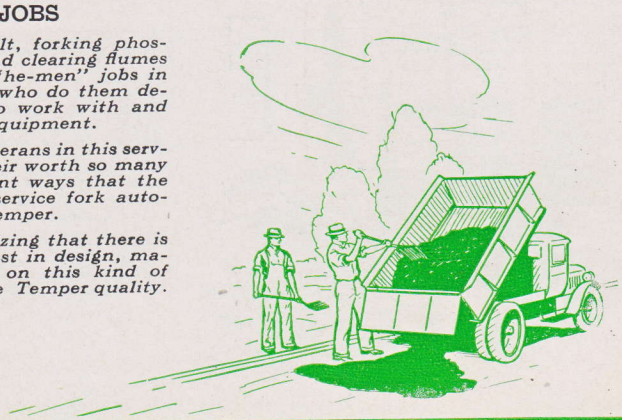
D Handled True Temper forks are all fitted with I-D-L Steel D-Tops because of their sturdy construction and capacity to stand up under hard usage. See Page 15.

MAN SIZED FORKS FOR MAN SIZED JOBS

Handling stone or asphalt, forking phosphate, tamping ballast and clearing flumes and sluice gates are all "he-men" jobs in any language. The men who do them demand "he-man" tools to work with and will not tolerate inferior equipment.

True Temper Forks are veterans in this service. They have proved their worth so many times in so many different ways that the man who uses a rough service fork automatically specifies True Temper.

Knowing this and recognizing that there is only place for the very best in design, materials and construction on this kind of work, we offer only True Temper quality.



COAL FORKS

TRUE TEMPER QUALITY

30″ Bent Handles*—Tubular Ferrules—I-D-L Steel D-Tops
Diamond Shape Tines—Black Finish

Complete Tool No.	Tines		Width Over All	Spacing of Tines	Right Repair Handle No.
810	Ten	15 in.	11½ in.	⅞ in.	462
810½	Ten	16 "	13 "	1⅛ "	462
812	Twelve	16 "	16 "	1 "	462
812½	Twelve	16 "	13 "	⅞ "	462
812¾	Twelve	15 "	11½ "	⅝ "	462
814	Fourteen	16 "	14½ "	⅞ "	462
814½	Fourteen	15 "	12 "	⅝ "	462
816	Sixteen	16 "	16 "	¾ "	462
816½	Sixteen	16 "	14 "	⅝ "	462

COAL SCOOP FORKS

TRUE TEMPER QUALITY

30″ Bent Handles*—Tubular Ferrules—I-D-L Steel D-Tops
Round Tines—Black Finish

1010R	Ten	15 in.	13½ in.	1¼ in.	462
1012R	Twelve	15 "	13½ "	⅞ "	462
1012½R	Twelve	16 "	15 "	1 "	462
1014R	Fourteen	15 "	14 "	¾ "	462
1014½R	Fourteen	17 "	17½ "	1 "	462
1016R	Sixteen	15 "	14 "	⅝ "	462
1016½R	Sixteen	16 "	17 "	¾ "	462

COKE FORKS

TRUE TEMPER QUALITY

30″ Bent Handles*—Tubular Ferrules—I-D-L Steel D-Tops
Diamond Shaped Tines—Black Finish

708	Eight	16 in.	11½ in.	1¼ in.	462
710	Ten	17 "	15 "	1¼ "	462
712	Twelve	17 "	18 "	1¼ "	462
712½	Twelve	16 "	16 "	1 "	462
714	Fourteen	17 "	20¼ "	1¼ "	462
714½	Fourteen	17 "	18 "	1 "	462
716	Sixteen	17 "	20½ "	1 "	462
716½	Sixteen	17 "	18 "	⅞ "	462
718	Eighteen	17 "	20½ "	⅞ "	462
718½	Eighteen	16 "	16 "	⅝ "	462

TANNERS' FORKS

TRUE TEMPER QUALITY

30″ Bent Handles—Tubular Ferrules—I-D-L Steel D-Tops
Diamond Shaped Tines—Polished Finish

T10D	Ten	17 in.	15 in.	1¼ in.	462
T12D	Twelve	16 "	16 "	1 "	462

All True Temper Scoop Forks are fitted with I-D-L Steel D-Tops as illustrated on Page 15.

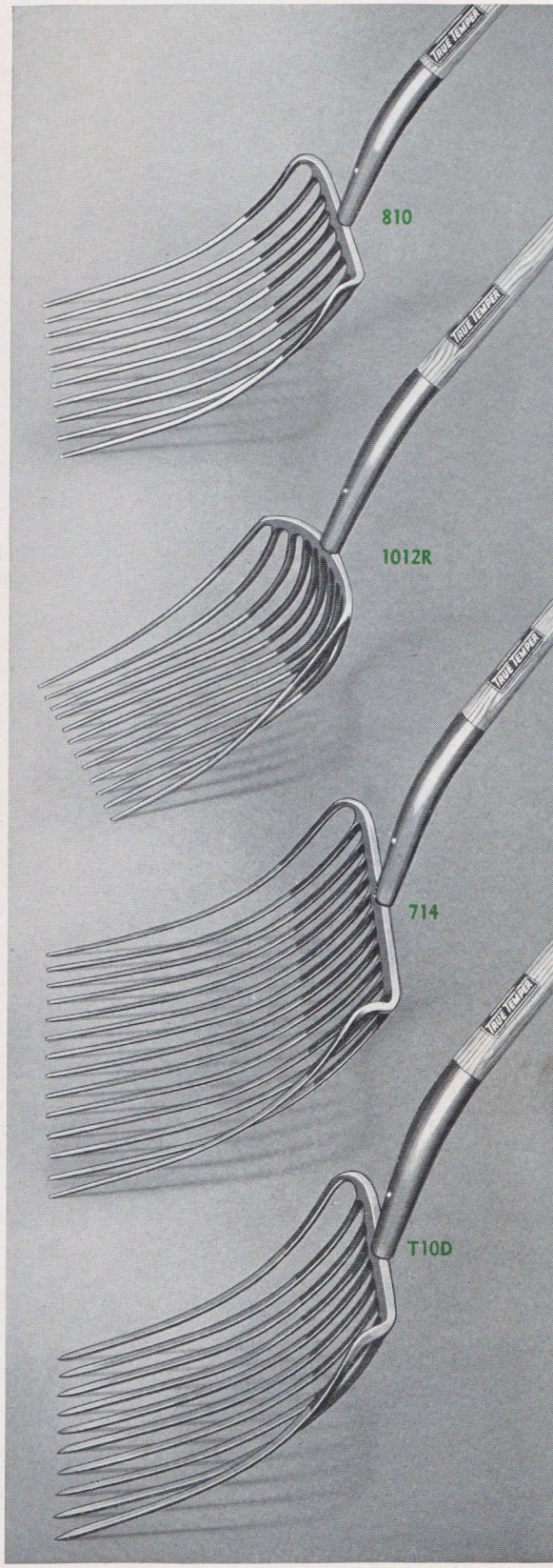
*These forks can be supplied with Wood D Handles. Add suffix letters "WD" to catalog numbers listed when so ordering. Can also be supplied with all steel tubular handles at extra cost.

TRUE TEMPER FORKS "SCOOP" ANOTHER MARKET

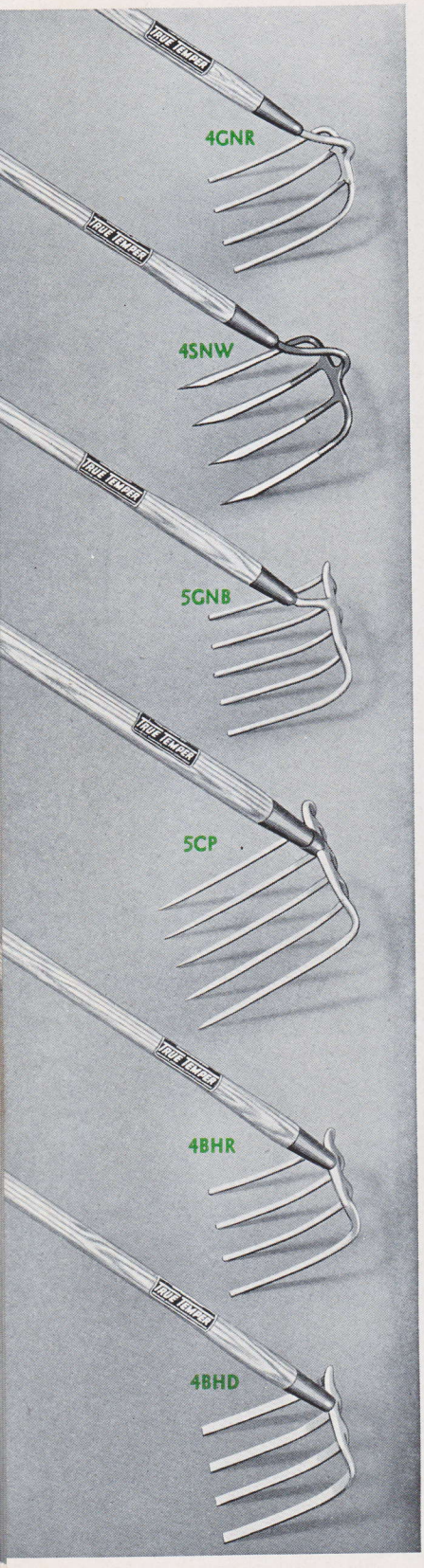
For handling coal or coke under certain conditions, forks are preferred to shovels. Their use for this purpose constitutes a very large and important market.

And here again it's the old story that only a quality product will suffice, another True Temper story of design and balance, of the highest grades of steel forged, heat treated and tempered, of honest workmanship.

Years of experience with this market and its needs have developed the line and stabilized it until it includes a broad variety of patterns, each of which enjoys a strong demand and large volume of sales.



These True Temper Coal, Coke and Tanbark Scoops are old reliables for which there is a steady demand. They are offered in an exceptionally wide range of designs to meet the varied requirements of a very important market.



These Potato Hooks illustrate the variety of patterns which make "True Temper" the favorite in practically all localities.

STEEL POTATO HOOKS

TRUE TEMPER QUALITY

Goose Neck Pattern

Handles 4⅓ ft. Long—Tumbled Finish—Long Plain Ferrules

Complete Tool No.	Tines	Length of Tines	Approximate Width at Points	Right Repair Handle No.
4GNR	Four Round	7 in.	6 in.	486
5GNR	Five "	7 "	6½ "	486
6GNR	Six "	7 "	7 "	486
4GND	Four Diamond Back	7 "	6½ "	486

SECOND QUALITY

Handles 4⅓ ft. Long—Tumbled Finish—Plain Ferrules

4GNRX	Four Round	7 in.	6 in.	487
5GNRX	Five "	7 "	6½ "	487
6GNRX	Six "	7 "	7 "	487
4GNDX	Four Diamond Back	7 "	6½ "	487

WASHINGTON COUNTY PATTERN POTATO HOOKS

TRUE TEMPER QUALITY

Swan Neck Pattern

Handles 4⅓ ft. Long—Polished Face—Long Plain Ferrules

4SNW	Four Diamond Face	7 in.	7 in.	486
5SNW	Five " "	7 "	7 "	486

SECOND QUALITY

Handles 4⅓ ft. Long—Tumbled Finish—Plain Ferrules

4SNWX	Four Diamond Face	7 in.	7 in.	487

STEEL POTATO HOOKS

TRUE TEMPER QUALITY

Bent Head and Neck Pattern

Handles 4⅓ ft. Long—Tumbled Finish—Long Plain Ferrules

4GNB	Four Round	7 in.	6 in.	486
5GNB	Five "	7 "	6½ "	486
6GNB	Six "	7 "	7 "	486

CALIFORNIA PATTERN

TRUE TEMPER QUALITY

Bent Head Pattern

Handles 5 ft. Long—Polished Tines—Long Plain Ferrules

5CP	Five Round	9 in.	8 in.	495

SECOND QUALITY

Handles 5 ft. Long—Polished Tines—Plain Ferrules

5CPX	Five Round	9 in.	8 in.	496

STEEL POTATO HOOKS

TRUE TEMPER QUALITY

Bent Head Pattern

Handles 4⅓ ft. Long—Tumbled Finish—Long Plain Ferrules

4BHR	Four Round	7 in.	6 in.	486
5BHR	Five "	7 "	6½ "	486
6BHR	Six "	7 "	7 "	486
4BHD	Four Diamond Back	7 "	6½ "	486

SECOND QUALITY

Handles 4⅓ ft. Long—Tumbled Finish—Plain Ferrules

4BHRX	Four Round	7 in.	6 in.	487
5BHRX	Five "	7 "	6½ "	487
6BHRX	Six "	7 "	7 "	487
4BHDX	Four Diamond Back	7 "	6½ "	487

SATISFYING A "PREFERENCE" MARKET

Like a good many agricultural tools, patterns in potato hooks vary considerably. Each locality has its own preference and its buying habits determine the pattern which will sell best.

True Temper meets this condition adequately.

From years of experience, it has developed a broad line of potato hooks which have proved repeatedly to be a line of "best sellers." But, and this is important, whatever style or pattern you select, if it bears the True Temper stamp that is your guarantee of lasting quality and performance.

STEEL POTATO HOOKS — BENT HEAD PATTERN

TRUE TEMPER QUALITY

Handles 4½ ft. Long—Tumbled Finish—Long Plain Ferrules

Complete Tool No.	Number of Tines	Length of Tines	Approximate Width at Points	Right Repair Handle No.
	Light Pattern			
4BOL	Four Broad Oval	6¾ in.	6¼ in.	489
5BOL	Five " "	6¾ "	6½ "	489
6BOL	Six " "	7 "	7 "	489
	Medium Pattern			
4BOM	Four Broad Oval	7 in.	6¼ in.	492
5BOM	Five " "	7 "	7½ "	492
	Heavy Pattern			
4BOH	Four Broad Oval	7½ in.	7½ in.	494
5BOH	Five " "	7½ "	7½ "	494
6BOH	Six " "	7 "	8¾ "	494

SECOND QUALITY

Handles 4½ ft. Long—Plain Ferrules

	Light Pattern			
4BOLX	Four Broad Oval	6¾ in.	6¼ in.	490
5BOLX	Five " "	6¾ "	6½ "	490
6BOLX	Six " "	7 "	7 "	490
	Medium Pattern			
4BOMX	Four Broad Oval	7 in.	6¼ in.	493
	Heavy Pattern			
4BOHX	Four Broad Oval	7½ in.	7½ in.	497
5BOHX	Five " "	7½ "	7½ "	497
6BOHX	Six " "	7 "	8¾ "	497

STEEL MANURE HOOKS

TRUE TEMPER QUALITY

Handles 5 ft. Long—Tumbled Finish—Long Plain Ferrules*

M40	Four Oval	8¾ in.	8½ in.	498
M50	Five "	9 "	8½ "	498
M60	Six "	9½ "	8¾ "	498

SECOND QUALITY

Handles 5 ft. Long—Plain Ferrules

M40X	Four Oval	8¾ in.	8½ in.	499
M50X	Five "	9 "	8½ "	499
M60X	Six "	9½ "	8¾ "	499

TWO-PRONG NURSERYMEN'S HOOKS

TRUE TEMPER QUALITY

Handles 4½ ft. Long, Bent—Tumbled Finish—Long Plain Ferrules

NH2	Two 9 in. Flat Steel Prongs, ½ x ¾ in., tapering to ⅝ in. at point—Width about 3½ in.	747

HEAVY CORN DRAGS AND MILL REFUSE HOOKS

TRUE TEMPER QUALITY

Handles 6 ft. Long—Tumbled Finish—Strap Ferrules

	Corn Drag	
CD48	Four Heavy Oval 8 in. Tines—Width 10½ in.	503
	Mill Refuse Hook	
MH410	Four Heavy Oval 10 in. Tines—Width 10½ in.	505

STONE HOOKS

TRUE TEMPER QUALITY

Handles 5 ft. Long—Tumbled Finish—Long Plain Ferrules*

SH4	Four Heavy Angular Back	10 in.	7¾ in.	501
LSH4	Four Light " "	9¾ "	7¾ "	501
HSH5	Five Heavy " "	10 "	7¾ "	501

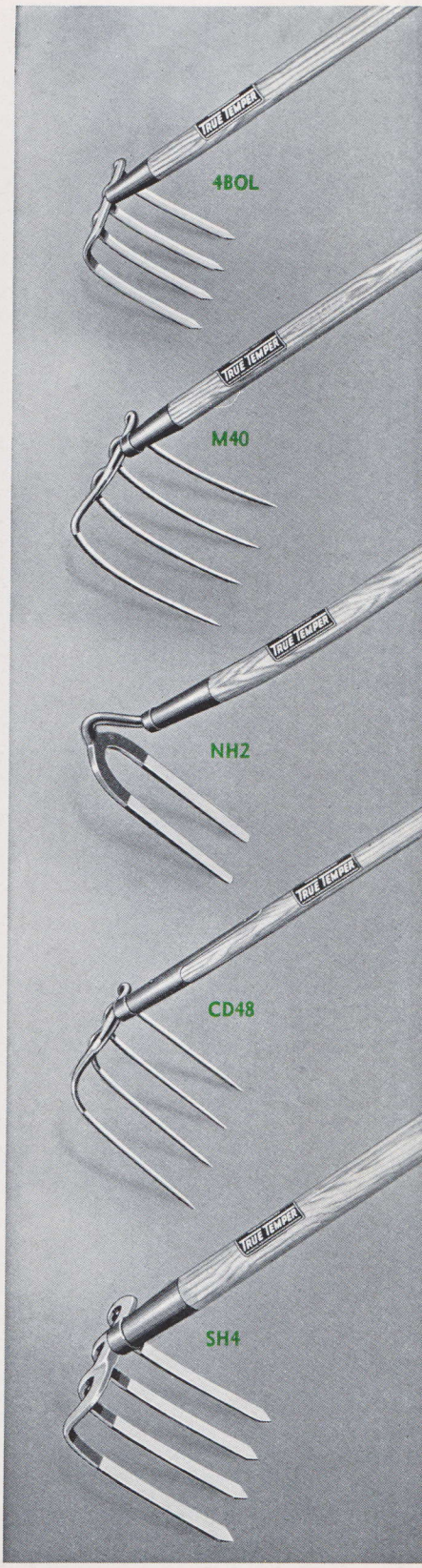
*Hooks with strap ferrules can be furnished at extra cost.

FOR ANY AND ALL KINDS OF SERVICE

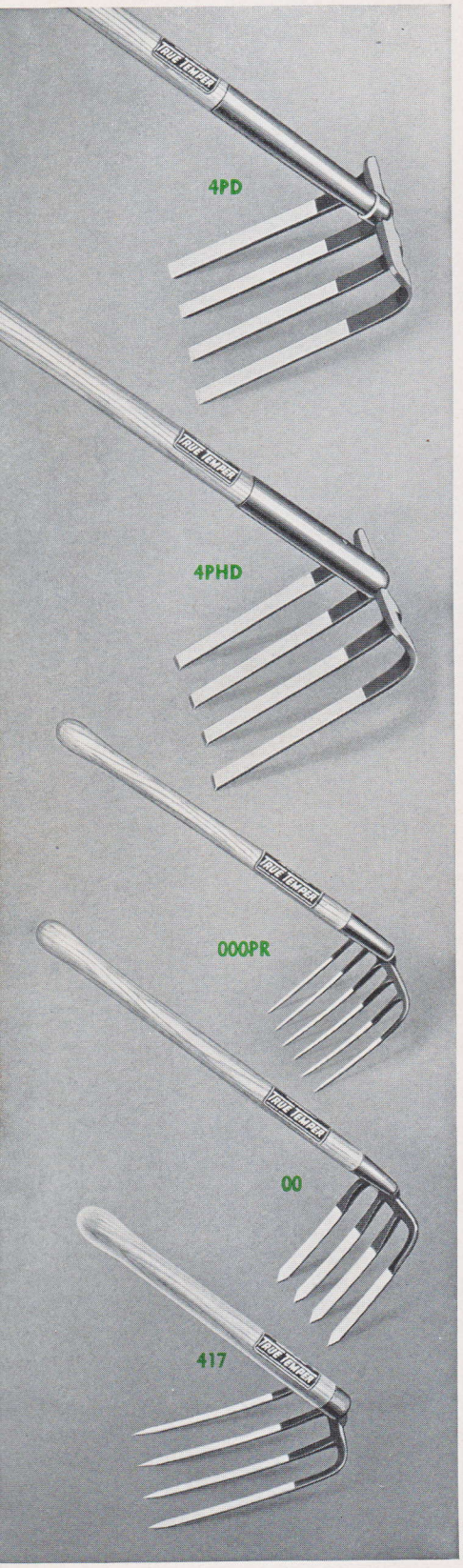
Hooks are used for a variety of tasks, from digging potatoes to levelling stone. At best such a tool seldom gets delicate treatment. It has to be built right to give satisfaction.

Each different type of hook must be designed for the work it is expected to do. Handle and head comprise a working unit and should combine only the best of wood and steel in a smooth handling tool which will stand the gaff.

True Temper is, of course, the answer.



Another group of hooks illustrating the application of different design to different kinds of work.



These Phosphate Drags and Clam Hooks are a representative part of the complete line of True Temper Hooks.

PHOSPHATE DRAGS

TRUE TEMPER QUALITY

Handles 6 ft. Long—Tumbled Finish—Tubular Ferrules With Caps

Complete Tool No.	Tines	Length of Tines	Approximate Width at Points	Right Repair Handle No.
4PD	Four Heavy 1 in. Wide, $\frac{5}{16}$ in. Thick	11 in.	9 in.	744

Handles 6 ft. Long—Tumbled Finish—8 in. Heavy Tubular Ferrules

4PHD	Four Extra Heavy 1 in. Wide, $\frac{3}{8}$ in. thick	11 in.	9 in.	745

These are exceptionally strong hooks. They are made with rugged 1 in. wide flat tines and sturdy 6 ft. ash handles.

SIX-TINE CLAM HOOKS

TRUE TEMPER QUALITY

Round Tines—Long Plain Ferrules—26 in. Handles

Providence Pattern—Straight Shank

000PR	Six	Polished 7 in. Tines—Width 7¼ in.	800

Plympton Pattern—Slight Goose Neck

000PL	Six	Polished 7 in. Tines—Width 7¼ in.	800

Extra Heavy—Slight Goose Neck (22 in. Handle)

X000	Six	Polished 7 in. Tines—Width 8 in.	801

FOUR-TINE CLAM HOOKS

TRUE TEMPER QUALITY

Broad, Diamond Back Tines—Long Plain Ferrules—26 in. Handles

00	Four	Polished 7 in. Tines—Width 6½ in.	800

FOUR-TINE IPSWICH CLAM HOOKS

TRUE TEMPER QUALITY

Diamond Back Tines—¾ in. Round Shanks—16 in. Handles

417	Four	Polished 10 in. Tines—Width 7 in.	802

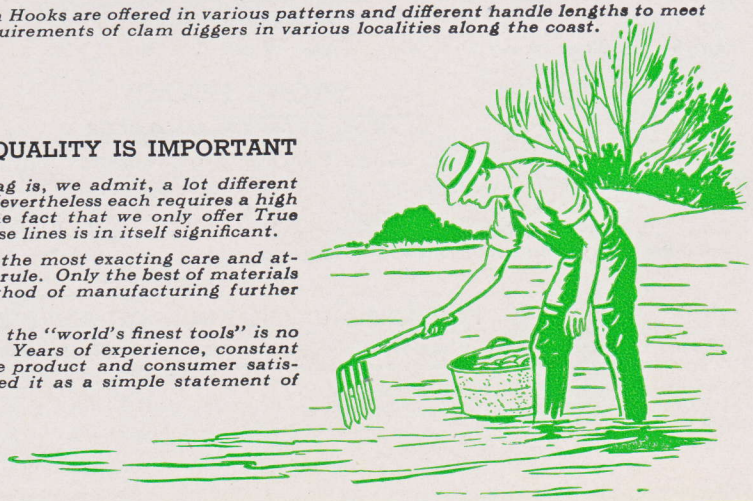
True Temper Clam Hooks are offered in various patterns and different handle lengths to meet the requirements of clam diggers in various localities along the coast.

UNIFORM HIGH QUALITY IS IMPORTANT

Using a phosphate drag is, we admit, a lot different from digging clams. Nevertheless each requires a high quality of tool and the fact that we only offer True Temper Quality in these lines is in itself significant.

Briefly, it means that the most exacting care and attention to detail is the rule. Only the best of materials are used and the method of manufacturing further insures lasting service.

To name True Temper the "world's finest tools" is no unsupportable claim. Years of experience, constant striving to improve the product and consumer satisfaction have established it as a simple statement of fact.



FIRE RAKES

TRUE TEMPER QUALITY

Complete Tool No.	Eye Hoe Type—4½ ft. Handles	Right Repair Handle No.
FR4E	Four Oil Tempered Mower Section Teeth, Securely Riveted to 12″ Eye Hoe Type Forged Steel Head	857

FOREST SERVICE FIRE RAKES

TRUE TEMPER QUALITY

Each Blade Riveted to 8½ in. Heavy Tubular Socket

USFS6	Four Ft. Handle, Blade 9¾ in. Wide at Cutting Edge, 9 in. Overall Depth, 3½ in. Teeth. Combination Hoe and Rake.	858

Tearing up soil, pulling away exposed roots and clearing off inflammable material for fire lanes is work which calls for particularly rugged tools. These True Temper fire rakes are entirely adequate. The USFS6 type, for instance, is especially heavy and strong and combines a chopping head on one side, with rake teeth on the other.

POWELLS PINE NEEDLE OR ROAD RAKES

TRUE TEMPER QUALITY

5½ ft. Handles—Long Plain Ferrules

PN5	Five 7 in. Teeth, Width at Points 11 in. Spacing between tines 2¾ in.	738

5½ ft. Handles—Strap Ferrules

OPN5	Five 7 in. Teeth, Width at Points 11 in. Spacing between tines 2¾ in.	741

These are stout general purpose rakes well suited to work in heavy material. Not only are they ideal needle, trash and manure rakes but contractors favor them for spreading crushed stone.

PINE NEEDLE OR MILL REFUSE RAKES

TRUE TEMPER QUALITY

Curved Forged Teeth—6 ft. Handles—Long Plain Ferrules

PN8	Eight 8 in. Teeth, Width at Points 17½ in. Spacing between tines 2½ in.	735

Wider than the Powell, this long tooth rake is especially designed for gathering all sorts of litter, trash or refuse.

TWO-MAN RAKES

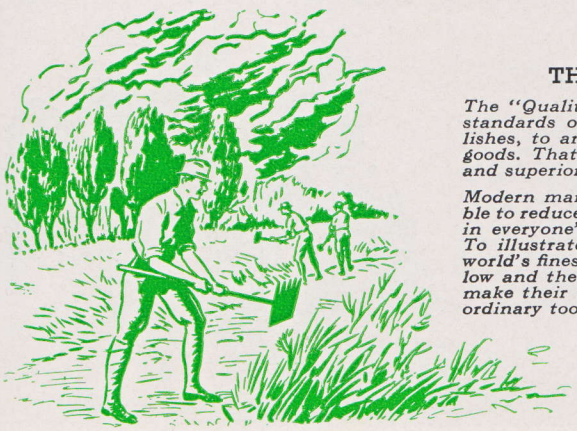
TRUE TEMPER QUALITY

Two 6 ft. Handles—One Detachable—Long Plain Ferrules*

2MR8	Eight 5 in. Teeth, Width of Head 13½ in. Spacing between tines 1⅜ in.	732
2MR10	Ten 5 in. " " " " 16½ in. " " " 1⅜ in.	732

This is an excellent tool for levelling stone or concrete on a road building job. Two men with this double rake can accomplish more in a day than four with individual rakes.

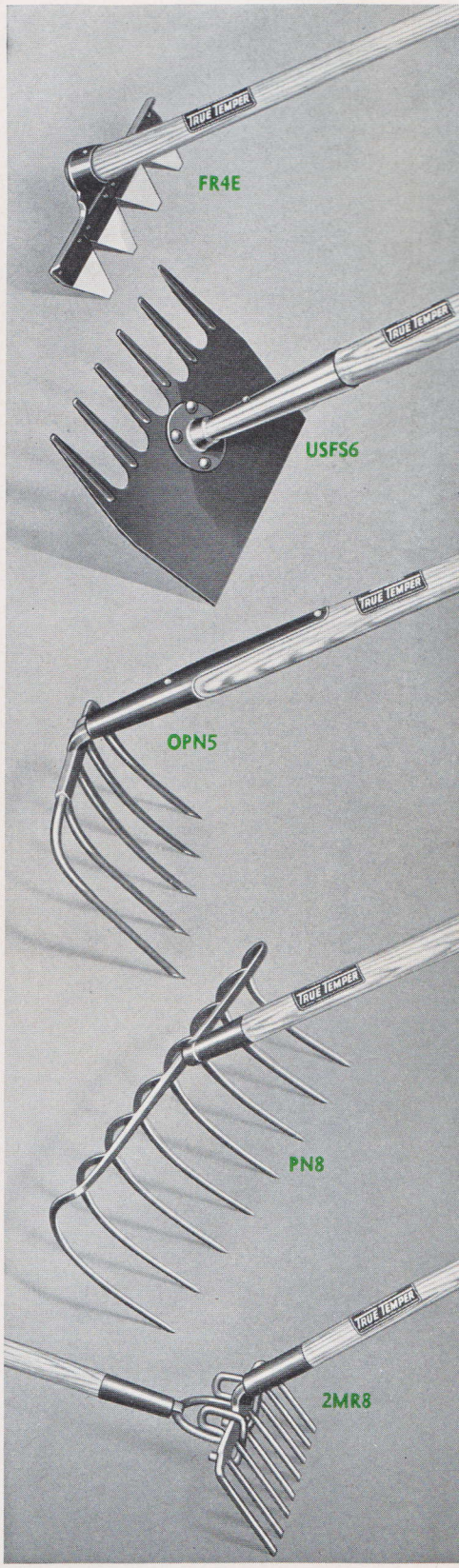
*Two Man Rakes with strap ferrules can be furnished.



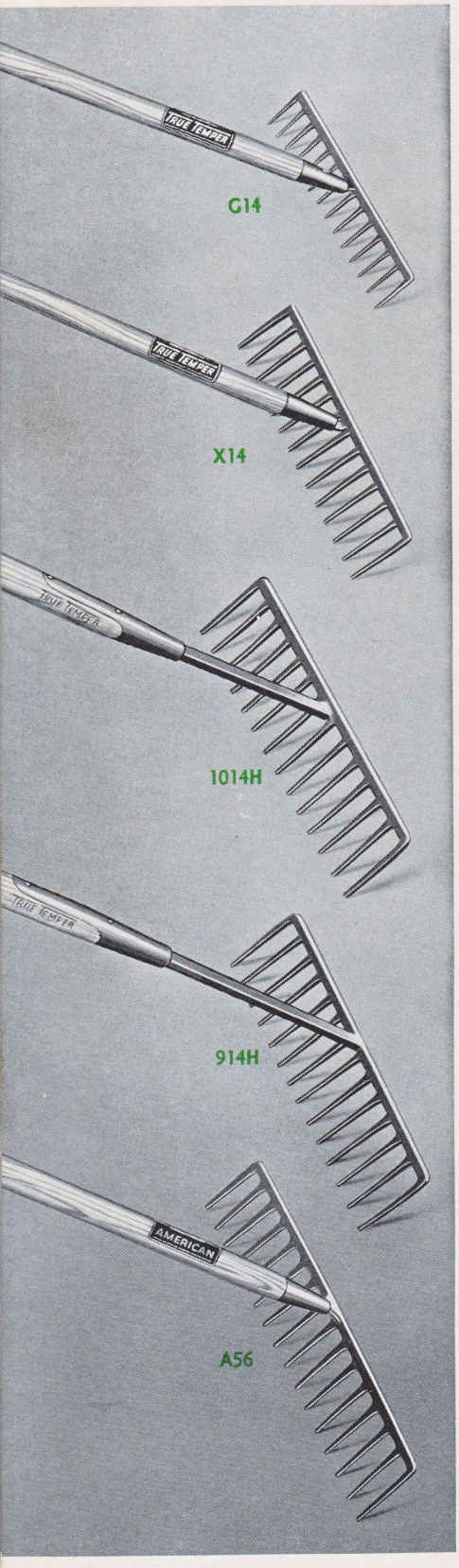
THE ECONOMY OF QUALITY

The "Quality" of any product is determined by the standards of material and manufacture and establishes, to an extent at least, the selling price of the goods. That you get about what you pay for is axiomatic and superior quality is always entitled to a premium.

Modern manufacturing methods have made it possible to reduce that premium somewhat and bring within everyone's range the cost of better merchandise. To illustrate the point, True Temper Tools are the world's finest, yet their added first cost is surprisingly low and their service and lasting qualities such as to make their ultimate cost actually lower than that of ordinary tools.



These True Temper Heavy Duty Rakes are offered to meet the requirements of several different applications.



Our line of heavy duty rakes offers an extensive selection of different patterns and sizes and complete coverage of the needs of this market.

STEEL GRAVEL RAKES

TRUE TEMPER QUALITY

Short Straight Teeth—Long Plain Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
G14	Fourteen	1¾ in.	¼ in.	12¼ in.	5½ ft.	514
G16	Sixteen	1¾ "	¼ "	14⅛ "	5½ "	514
G18	Eighteen	1¾ "	¼ "	16 "	5½ "	514

These short, stout toothed, level head rakes are particularly suitable to spreading and levelling gravel, slag and cinders on walks and drives.

EXTRA HEAVY STEEL ROAD RAKES

TRUE TEMPER QUALITY

Straight Teeth—Long Plain Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
X14	Fourteen	3⅞ in.	⅜ in.	15¾ in.	5½ ft.	522
X16	Sixteen	3⅞ "	⅜ "	18 "	5½ "	522

SECOND QUALITY

Plain Ferrule

X14X	Fourteen	3⅞ in.	⅜ in.	15¾ in.	5½ ft.	523

These are definitely heavy duty rakes designed and built for road work and similar operations which require handling of coarse gravel, crushed stone and other heavy materials.

STEEL ASPHALT OR TAR RAKES

TRUE TEMPER QUALITY

Regular Drop Shank Pattern

18" Shanks ¾" x ½"—Strap Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
1014H	Fourteen	4½ in.	11/32 in.	16½ in.	5 ft.	520

Light Drop Shank Pattern

18" Shank ½" Square—Strap Ferrules

1014L	Fourteen	3⅞ in.	⅜ in.	15⅝ in.	5 ft.	519

Regular Straight Shank Pattern

18 in. Shanks ¾"x½"—Strap Ferrules

914H	Fourteen	4½ in.	11/32 in.	16½ in.	5 ft.	520

Light Straight Shank Pattern

18 in. Shanks ½" Square—Strap Ferrules

914L	Fourteen	3⅞ in.	⅜ in.	15⅝ in.	5 ft.	519

Spreading and smoothing hot asphalt before rolling demands a sturdy thoroughly well made tool. These rakes are made with long steel shanks to prevent handles burning off and are extraordinarily strong and durable.

MALLEABLE IRON ROAD RAKES

SECOND QUALITY

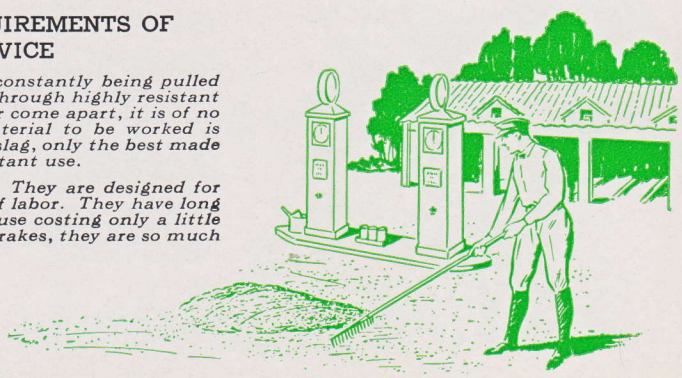
Straight Teeth—Plain Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
A56	Sixteen	3⅞ in.	⅜ in.	20 in.	5½ ft.	524

MEETING THE REQUIREMENTS OF HARD SERVICE

A rake is the one tool that is constantly being pulled and pushed forward and back through highly resistant material. If it tends to bend or come apart, it is of no use whatever. When the material to be worked is heavy, such as gravel, stone or slag, only the best made rakes will stand up under constant use.

True Temper rakes stand up. They are designed for efficient handling and saving of labor. They have long been favored by Industry because costing only a little more than ordinary industrial rakes, they are so much more economical.



ROUND BOW STEEL GARDEN RAKES

TRUE TEMPER QUALITY

Forged from One Solid Piece of Steel—Curved Teeth

Long Plain Ferrules

Complete Tool No.	Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
B12	Twelve	3¼ in.	¼ in.	12 in.	5 ft.	506
B14	Fourteen	3¼ "	¼ "	14 "	5 "	506
B16	Sixteen	3¼ "	¼ "	16 "	5 "	506

SECOND QUALITY *

Plain Ferrules

B12X	Twelve	3¼ in.	¼ in.	12 in.	5 ft.	507
B14X	Fourteen	3¼ "	¼ "	14 "	5 "	507
B16X	Sixteen	3¼ "	¼ "	16 "	5 "	507

LEVEL HEAD STEEL GARDEN RAKES

TRUE TEMPER QUALITY

Straight Teeth

Long Plain Ferrules

10L	Ten	3¼ in.	5/16 in.	10½ in.	5½ ft.	514
12L	Twelve	3¼ "	5/16 "	12½ "	5½ "	514
14L	Fourteen	3¼ "	5/16 "	14¾ "	5½ "	514
16L	Sixteen	3¼ "	5/16 "	17 "	5½ "	514
18L	Eighteen	3¼ "	5/16 "	19¼ "	5½ "	514

SECOND QUALITY *

Plain Ferrules

10LX	Ten	3¼ in.	¼ in.	10½ in.	5½ ft.	518
12LX	Twelve	3¼ "	¼ "	12½ "	5½ "	518
14LX	Fourteen	3¼ "	¼ "	14¾ "	5½ "	518
16LX	Sixteen	3¼ "	¼ "	17 "	5½ "	518

LEVEL HEAD SINGLE SHANK STEEL GARDEN RAKES

TRUE TEMPER QUALITY

Curved Teeth

Long Plain Ferrules

14C	Fourteen	3¼ in.	5/16 in.	14¾ in.	5½ ft.	514
16C	Sixteen	3¼ "	5/16 "	17 "	5½ "	514

SECOND QUALITY *

Plain Ferrules

14CX	Fourteen	3¼ in.	¼ in.	14¾ in.	5½ ft.	518
16CX	Sixteen	3¼ "	¼ "	17 "	5½ "	518

LAWN, DANDELION OR CRAB GRASS RAKES

TRUE TEMPER QUALITY

LDR	15½ in. Heavy Steel Head with 26 saw teeth. One solid piece bolted to 5½ ft. handle	529
LDRW	22¾ in. Heavy Steel Head with 38 saw teeth. One solid piece bolted to 5½ ft. handle	529

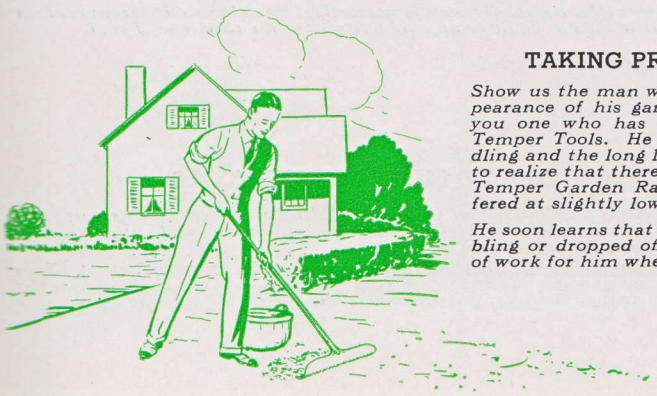
SECOND QUALITY

Shank Patterns

LDRSX	15½ in. Head with 26 saw teeth. 5 ft. handle. Forged shank riveted to heavy steel head	529S

Sturdily built and specially designed, these rakes are much in demand for cleaning up yards and lawns. The saw teeth help exterminate dandelions by cutting off blossoms before they mature and are so designed that they will not injure grass roots.

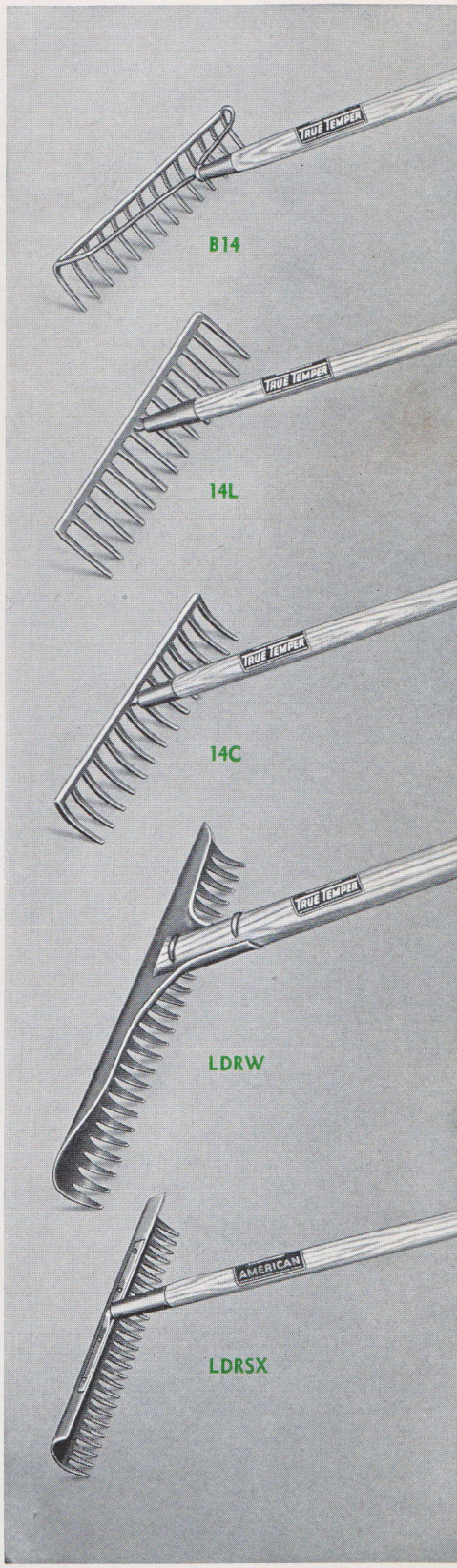
*These rakes can be furnished in lower quality—see Panther Tools, Pages 55 to 60.



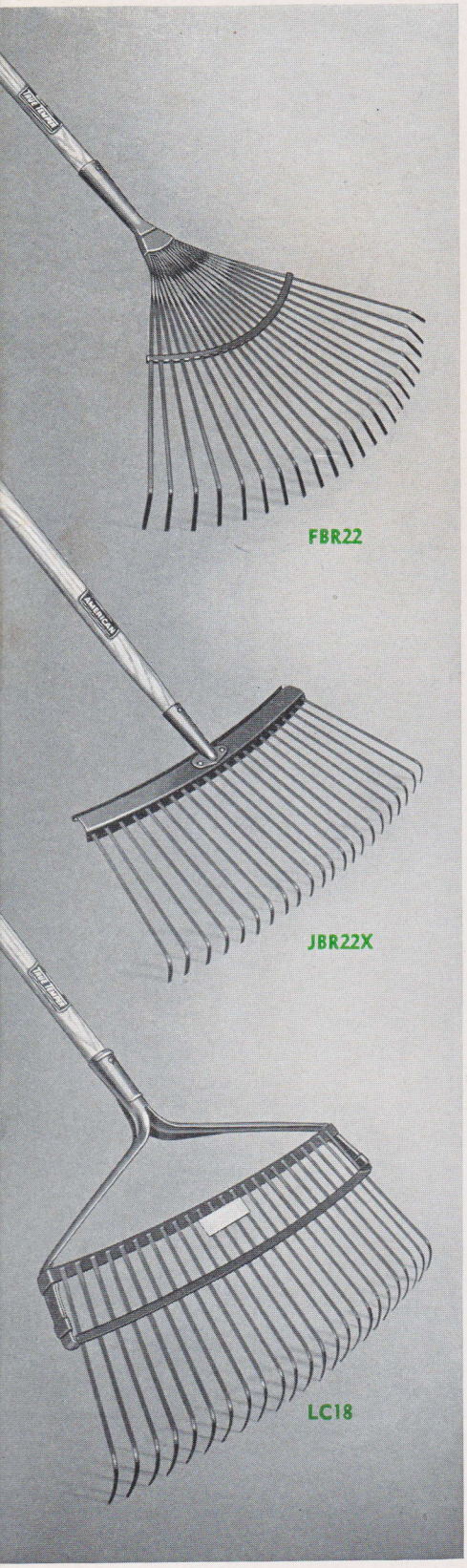
TAKING PRIDE IN THE PREMISES

Show us the man who takes genuine pride in the appearance of his garden and grounds and we'll show you one who has a potential appreciation of True Temper Tools. He will approve the design, the handling and the long life of these tools and will be quick to realize that there is great difference between a True Temper Garden Rake and substitutes which are offered at slightly lower prices.

He soon learns that these rakes last—no bending, wobbling or dropped off heads—and do a dependable job of work for him whenever and wherever he wishes.



This group of tools partly illustrates our very complete line of yard and garden rakes.



True Temper Lawn Rakes are outstanding in their field. There is a type for every and any need.

FAN SHAPE BRUME-RAKES

Reg. U. S. Pat. Off.

TRUE TEMPER QUALITY

Complete Tool No.		Right Repair Handle No.
FBR22	Twenty-two 12 in. Flexible Spring Steel Teeth; 19 in. wide, 3½ ft. Handle, 56 in. overall length	537

Heads packed in cartons of ½ doz. each. Handles tied in bundles of ½ doz. each.

This rake is light in weight but strong and extremely durable. The flexible flat spring teeth are shaped and twisted for additional strength, firmly braced and lastingly handled. The flat shaped teeth are far superior in operation to the round wire teeth used in other cheaper types of broom rakes. The teeth are made of tempered spring steel and are carefully shaped so that an easy sweeping motion picks up the smallest leaves, but does not tear the grass roots.

The Brume-Rake is a general outdoor broom designed to sweep your lawn, graveled paths and garden plots. For best results use a sweeping motion.

JUNIOR BRUME-RAKES

Reg. U. S. Pat. Off.

SECOND QUALITY

Special Light Weight Pattern

JBR22X	Twenty-two 6½ in. Flat Spring Steel Teeth. Width of head 13½ in. Spread 18½ in. at points. 4 ft. Handles	552

Heads packed in cartons of one dozen each. Handles tied in bundles of one dozen each.

A lighter, somewhat less expensive tool but very serviceable.

The head is built on a long radius, slightly concaved, so that all teeth are in contact with the ground when in use.

The Junior Brume-Rake is a handy, light tool, designed for light work only.

"LAWNCOMB" RAKE

TRUE TEMPER QUALITY

Socket Pattern

Flexible Flat Spring Steel Teeth

Complete Tool No.	Number of Teeth	Length of Teeth	Width at Points	Length of Handle	Right Repair Handle No.
LC18	Twenty-four	8 in.	18 in.	52 in.	553
LC18S	Twenty-four	8 "	18 "	42 "	553S
LC24	Twenty-four	9½ "	24 "	60 "	556

Heads packed in cartons of ½ doz. each. Handles tied in bundles of ½ doz. each.

The "Lawncomb" differs from the Brume-Rake in design but not in quality. It has flat spring steel teeth, is strongly built and handled. Selection between the two designs is largely a matter of personal choice.

Designed for sweeping mowed grass, leaves, twigs, etc., from lawns, it is equally convenient and effective for gravel paths, walks and drives, and it is ideal around plants, vines, shrubbery and flower beds.

The "Lawncomb" sweeps clean and easily. Due to the rounded ends of the teeth or tines, they do not dig in and there is no danger of injury to the grass, the plants or to their tender roots.

Around garages and factories the light, strong "Lawncomb" is preferred to heavy mill brooms for quickly and easily cleaning up various litter.

The price of the "Lawncomb" is so little, its appearance so attractive, its value so apparent and its service appeal so great, that it sells at sight to anyone having use for this type of tool.

PUTTING TRUE TEMPER INTO LIGHT WEIGHT TOOLS

There are a good many wire lawn rakes and brooms on the market. Unfortunately for the customer who buys them, some of them are not very serviceable. Cheaply made, they soon bend out of shape or fall apart and become almost totally useless.

It pays to buy True Temper. The few more cents involved is insurance of lasting satisfaction. True Temper Brume-Rakes and Lawncombs are flexible but not flimsy. The teeth are made of the best flat spring steel. They are light but strong, thoroughly well constructed tools which stand up under constant use.

WIRE LAWN RAKE

TRUE TEMPER QUALITY

Closed Head Pattern—Tinned Finish

Heads Shipped Detached

Complete Tool No.		Right Repair Handle No.
120	Twenty Wire Teeth. 17 in. Head of No. 15 Gauge Steel. Pressed Steel Socket Riveted to Head. Entire Head and Socket Heavily Tinned. 5½ ft. Handle...	528
124	Twenty-Four Wire Teeth. 20⅝ in. Head of No. 15 Gauge Steel. Pressed Steel Socket Riveted to Head. Entire Head and Socket Heavily Tinned. 5½ ft. Handle.....	528

SECOND QUALITY

Open Head Pattern—Aluminum Finish

Heads Shipped Detached

12OR	Twenty Wire Teeth. 17" Head of No. 15 Gauge Steel. Pressed Steel Socket Riveted to Head. Entire Head and Socket Dipped in Aluminum Paint. 5 ft. Handle..	526
124R	Twenty-Four Wire Teeth. 20⅝ in. Head of No. 15 Gauge Steel. Pressed Steel Socket Riveted to Head. Entire Head and Socket Dipped in Aluminum Paint. 5 ft. Handle.....	526

"SKI" WIRE LAWN RAKES

TRUE TEMPER QUALITY

Closed Head Pattern—Tinned Finish

Heads Shipped Detached

124SK	Twenty-Four Wire Teeth. 20⅝ in. Head of No. 15 Gauge Steel. Pressed Steel Socket Riveted to Head. 5½ ft. Selected Handle. Teeth, Head and Socket are heavily tinned.....	528

This rake is identical in design and construction with No. 124 except for the rounded end plates or skis which slip over the lawn and serve to elevate the rake teeth slightly, just enough to keep them from tearing up grass. It also gives double strength to the end teeth which are always the first to bend, whether in shipping or in use.

The tinning is exceptionally heavy, the method of fastening secure and the shape of the head gives maximum strength.

FINE TOOTH WIRE LAWN RAKES

TRUE TEMPER QUALITY

Tinned Finish

Heads Shipped Detached

2046	Forty-six Wire Teeth. 20 in. Head of No. 15 Gauge Steel Bolted to Malleable Socket. Head and Teeth Heavily Tinned. 5½ ft. Handle.....	528

PARK LAWN RAKES

TRUE TEMPER QUALITY

Tinned Finish

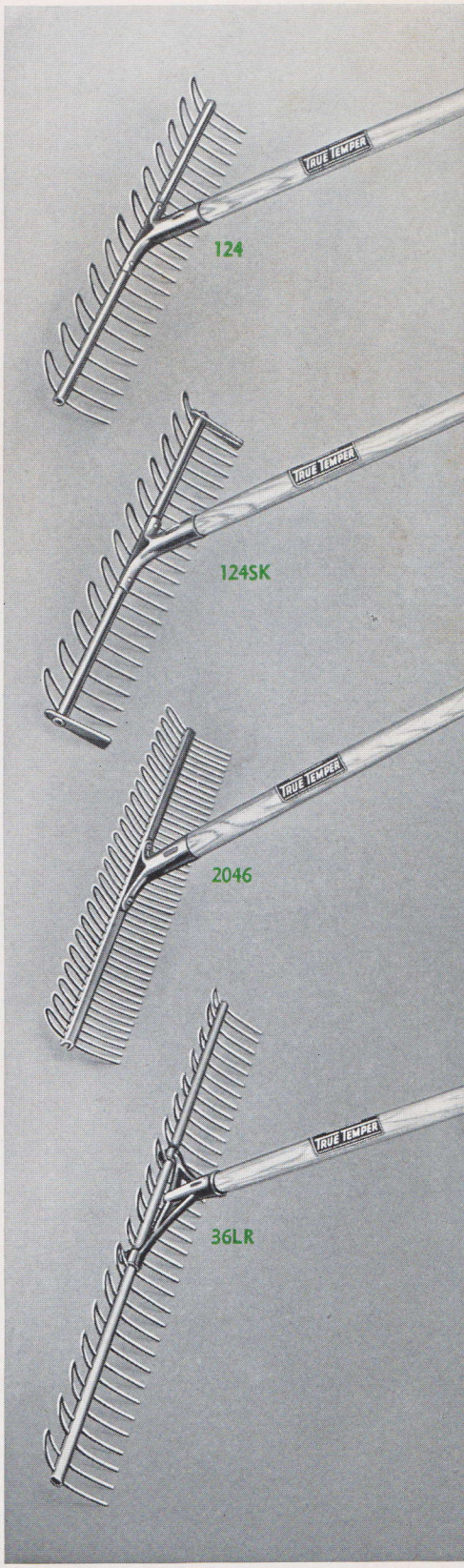
Heads Shipped Detached

36LR	Thirty-six Wire Teeth. 30 in. Head of No. 15 Gauge Steel Bolted to Black Enamel Malleable Iron Socket. Head and Teeth Heavily Tinned. 5½ ft. Handle.....	528
342	Forty-two Wire Teeth. 36 in. Head of No. 15 Gauge Steel Bolted to Black Enamel Malleable Socket. Head and Teeth Heavily Tinned. 5½ ft. Handle..	528

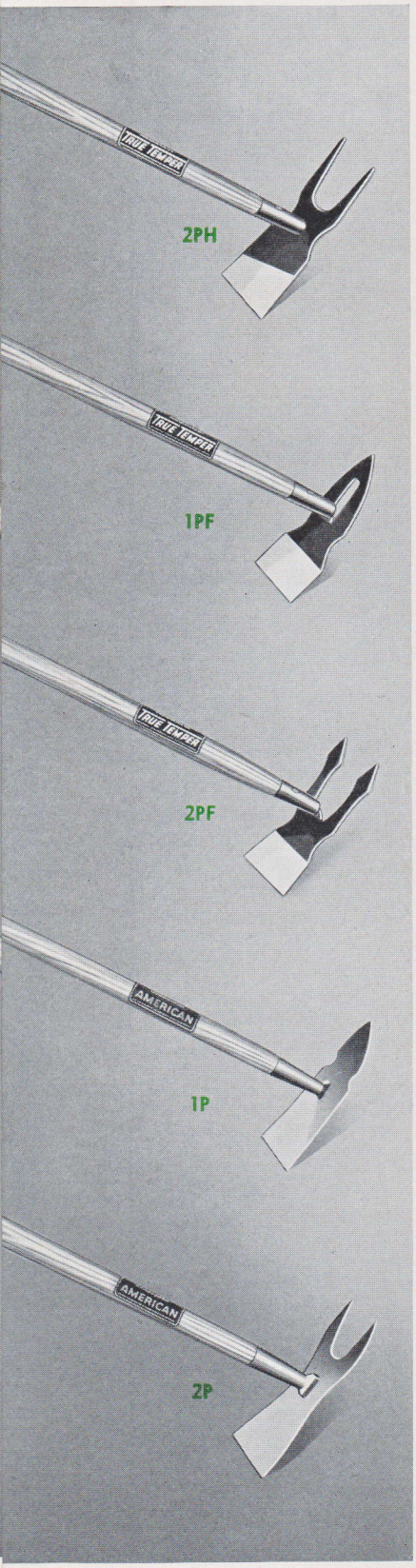
BETTER THAN ORDINARY WIRE RAKES

Wire rakes are not as a rule treated very gently by their users. The average person has a habit of striking the tool sharply on end or on the top or bottom to clear it of refuse. Ordinary rakes do not last long under such treatment. This is especially true as soon as they begin to rust.

True Temper wire rakes, on the other hand, are made of heavy gauge steel wire rigidly set in heavy gauge steel heads. Head and teeth are completely tinned to prevent rusting. The method of attaching the sockets rigidly to the head eliminates the wobbly or rickety feel so characteristic of many rakes of this type.



These tools offer variations in size and design to meet the current demand for different type of wire rakes.



A group of weeding hoes designed and built to meet the varied requirements for this type of tool.

HEAVY FORGED STEEL WEEDING HOES

TRUE TEMPER QUALITY

4⅓ ft. Handles—Long Plain Ferrules

Complete Tool No.		Right Repair Handle No.
2PH	Blade 3⅝ in. wide, 9¼ in. long, Prongs 3½ in. long, space between prongs 2½ in.	525

The blade on this hoe is forged from high carbon steel, the shank driven through while hot and upset on both sides making it impossible for the head to work loose. This tool is especially designed for Eastern Pennsylvania requirements.

FORGED STEEL WEEDING HOES

TRUE TEMPER QUALITY

Forged from One Solid Piece of Steel—Polished Bits

4⅓ ft. Handles—Long Plain Ferrules

1PF	One Prong, Blade 3⅛ in. wide, 8¼ in. overall	532
2PF	Two Prong, Blade 3⅝ in. wide, 8¼ in. overall	532

Blades and shanks of these hoes are forged from one piece of high carbon tempered steel, assuring a firm set to the head and cutting edges which will hold an edge and can be sharpened.

ONE AND TWO-PRONG STEEL WEEDING HOES

SECOND QUALITY

Plain Ferrules

Bright Cold Rolled Steel Blades

1P	Sharp Point, Upset Forged Steel Shank, 4⅓ ft. Handle, Blade 3¼" wide, 9" Overall	533
2P	Sharp Points, Upset Forged Steel Shank, 4⅓ ft. Handle, Blade 3⅝" wide, 9" Overall	533

Forged steel shanks firmly fixed to blades prevent loosened heads. This is a thoroughly satisfactory tool, "second" in quality only to similar tools of the True Temper Line.

IT ALWAYS PAYS TO BUY GOOD TOOLS

There are a good many inexpensive weeding hoes on the market, of various types and designs. It's a temptation to buy them because of their low price.

Some of them give fairly good service at first but when the edges begin to dull and you find they won't sharpen, or the heads loosen and can't be tightened again, you begin to doubt the economy of your purchase.

True Temper weeding hoes hold an edge, give lasting service and are properly designed for the work they have to do. Yet they cost so little more that there can be no question but they are more economical.

ACME WEEDING HOES

Reg. U. S. Pat. Off.

TRUE TEMPER QUALITY

Polished Bit Blades, Drop Forged Shanks

Long Plain Ferrules

Complete Tool No.		Right Repair Handle No.
A	4⅓ ft. Handle, Blade 4½ in. wide, 9½ in. overall depth, distance between prongs at points 3¼ in.	615

This is a very convenient garden tool. When not being used as a hoe, the two plow shaped teeth will cultivate to considerable depth, stirring and mulching the soil as well as weeding around small plants. The Acme is particularly useful in close rows where there is not sufficient room to use a wheel cultivator.

BEEBE CULTIVATOR HOES

TRUE TEMPER QUALITY

Polished Bit Blades, Drop Forged Shanks

Long Plain Ferrules

BB6	4⅓ ft. Handle, Blade 6 in. wide, 9½ in. overall depth	615

This hoe is similar to the Acme except that it has only one cultivator tooth. Very handy for digging a seed furrow.

FOUR AND SIX-PRONG FORGED WEEDERS

TRUE TEMPER QUALITY

Each Combination Hoe & Rake Forged from One Piece of Steel Tempered and Polished Blades

Long Plain Ferrules

4P	Four Teeth, Blade 3¾ in. wide, 6 in. overall depth, 3 in. Teeth, 4⅓ ft. Handle	532
6P	Six Teeth, Blade 6 in. wide, 6 in. overall depth, 3 in. Teeth, 4⅓ ft. Handle	532

These combination hoes and rakes are favorite tools among owners of small gardens because they serve a general purpose for hoeing, raking, weeding and cultivating

FOUR-PRONG MALLEABLE IRON WEEDERS

SECOND QUALITY

Plain Ferrules

4PM	4⅓ft. Handle, 4 Malleable Prongs, Steel Blade 4 in. wide, Overall Depth 5½ in., 2½ in. Teeth	543

SPEEDY WEEDER OR MULCHER

TRUE TEMPER QUALITY

SW9	Blade ⅞ in. wide, with two 9 in. cutting edges. Natural Finish Blade—Dipped—4⅓ ft. Handle	590

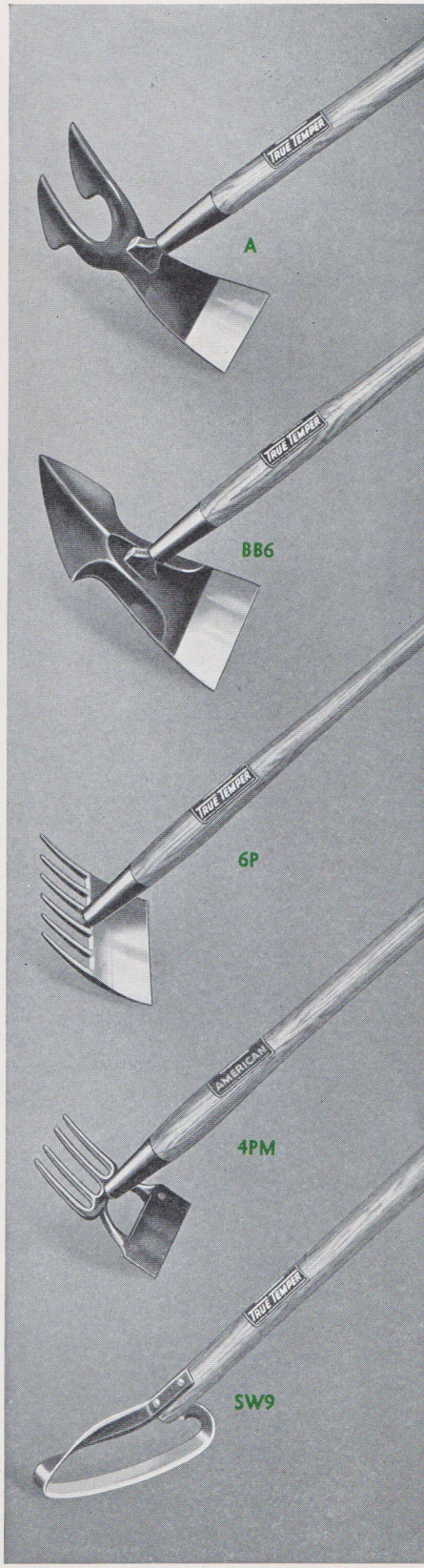
Here is a handy weapon for the small gardener against wire grass or weeds that have been neglected too long. It is equally good for service of mulching and weeding where a long handled weeder is preferred.

WHEN A CUSTOMER BECOMES A FRIEND

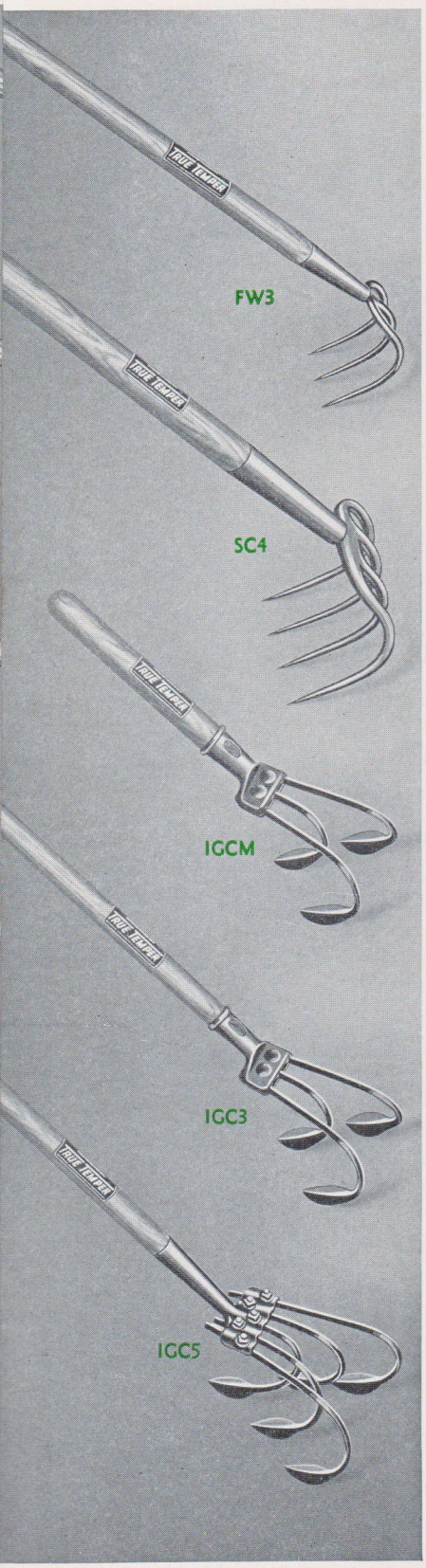
Whenever an amateur gardener steps into the village or neighborhood hardware store to buy garden tools, he depends to a great extent upon the salesman's judgment in making his selection.

Probably he wants to linger a little and talk about his season's gardening plans or brag about having the first green peas in the neighborhood, so it isn't a transaction that can be hurried, this business of selling him a weeder or whatever it is he needs. After all it is part of a good salesman's job to listen to the customer and be interested in his problems.

It is also up to the salesman to sell him a good honest tool that will do the job he wants it to do and give him lasting service. True Temper Tools always make friendly customers.



Another group of tools which belong to our extensive line of weeding hoes.



This group includes some of the most popular garden tools in the True Temper Line. All of them are good sellers.

THREE-PRONG FLORAL WEEDER

TRUE TEMPER QUALITY

Complete Tool No.	Plain Ferrules	Right Repair Handle No.
FW3	Three Tines, Head 3¼ in. wide, 4 ft. Handle	806

SPEEDY CULTIVATORS

TRUE TEMPER QUALITY

Forged, Sharp Pointed Curved Tines
Long Plain Ferrules—4⅛ ft. Handles

SC4 Four Tines, Long Plain Ferrule, Head 5 in. Wide. Space between tines 1⅝ in. 538

The sharp pointed curved tines are hung at just the right angle to easily penetrate and rapidly loosen the soil with simply a pulling motion. A very fast working tool for preparing the ground for seeding and for cultivating after the planting is done.

MIDGET INVINCIBLE CULTIVATORS

TRUE TEMPER QUALITY

Teeth Forged from 7/32 in. Square Steel Bar, held in place between two Malleable Plates.
Malleable Sockets—8 in. Stub Handles

IGCM Three Adjustable Curved Teeth with Maximum Spread of 4¼ in. 609

JUNIOR INVINCIBLE CULTIVATORS

TRUE TEMPER QUALITY

Teeth Forged from 9/32 in. Square Steel Bar, held in place between two Malleable Plates.
Malleable Sockets—4 ft. Handles

IGC3 Three Adjustable Curved Teeth with Maximum Spread of 4¼ in. 606

SECOND QUALITY

Malleable Sockets—4 ft. Handles

IGC3X Three Adjustable Curved Teeth. Maximum Spread of Teeth 4¼ in. 607

INVINCIBLE GARDEN CULTIVATORS

TRUE TEMPER QUALITY

Forged Sockets—4⅓ ft. Handles
Teeth Forged from 9/32 in. Square Steel Bar. Held in place by individual eye bolts fastened to forged steel pad.
All Teeth Removable or Adjustable to Required Width

IGC5 Five Adjustable Curved Teeth—Forged Steel Socket and Pad 603

The flattened ends of the teeth are approximately 1 inch wide at the widest point by 2 in. long on the Midget and 1 1/16 inches wide by 3 inches long on the Junior Invincible and Regular Invincible.

SECOND QUALITY

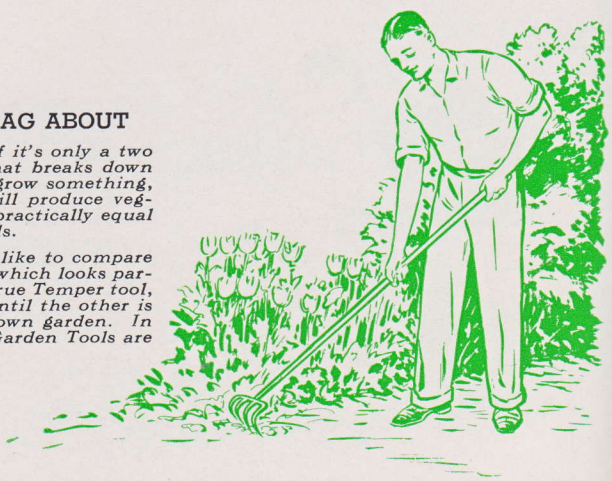
IGC5X Five Adjustable Curved Teeth, Forged Steel Socket and Pad 604

For that vast number who are gardening small plots of ground, too small even to justify a hand wheel cultivator, here is a line of tools which exactly fit their needs. The Invincible, of course, is the most flexible, allowing full adjustment as to widths and the removal of teeth when desired. It is a real cultivator, designed very much like a wheeled tool but fitted with a handle instead. The lightness, balance and efficient performance make handling it a pleasure.

TOOLS THE GARDENER WILL BRAG ABOUT

There is something about gardening, even if it's only a two by twice patch in a restricted city yard, that breaks down human reserves. Give a guy with a yen to grow something, the ground, tools and materials and he will produce vegetables and stories of vegetables which will practically equal the fish stories inspired by True Temper Rods.

Amateur gardeners are a clubby lot. They like to compare notes. If one sees another using a new tool which looks particularly handy, he'll ask about it. If it's a True Temper tool, the owner will brag about its good points until the other is convinced that he should have one for his own garden. In this way and to this market True Temper Garden Tools are self merchandisers.



DIG EZY MATTOCK HOES

TRUE TEMPER QUALITY

Eye Hoe Pattern

Eye, Blade and Cutter Forged from One Solid Piece of Steel—Tempered

Polished Bit Blades—4½ ft. Handles

Complete Tool No.		Right Repair Handle No.
DE3	Blade 3 in. wide, Cutter 1⅜ in. wide, length overall 13 in.	582

This is one of the most popular mattock hoes in our extensive line. It is a husky tool, carefully designed, which will cut roots and work in the hardest kind of soil. Sturdy as it is, this tool is so well balanced that it doesn't seem heavy in handling.

NEW SHANK MATTOCK HOES

TRUE TEMPER QUALITY

Long Plain Ferrules

Solid Steel Shank passes through heavy forged blade and is flattened to hold blade securely

Polished Bit Blades—4½ ft. Handles

DE3S	Blade 3½ in. wide, Cutter 1⅜ in. wide, length overall 11½ in.	573

SOUTHERN QUEEN MATTOCK HOES

TRUE TEMPER QUALITY

Punched and Drawn Steel Eyes—Polished Bit Blades

All of One Solid Piece of Steel—5 ft. Handles

SQ3½	Blade 3½ in. wide, length overall 11½ in.	584

JUNIOR MATTOCK HOES

TRUE TEMPER QUALITY

Polished Bit Blades Riveted to Malleable Iron Shanks

Long Plain Ferrules—4½ ft. Handles

77	Blade 4½ in. wide, length overall 10 in.	570

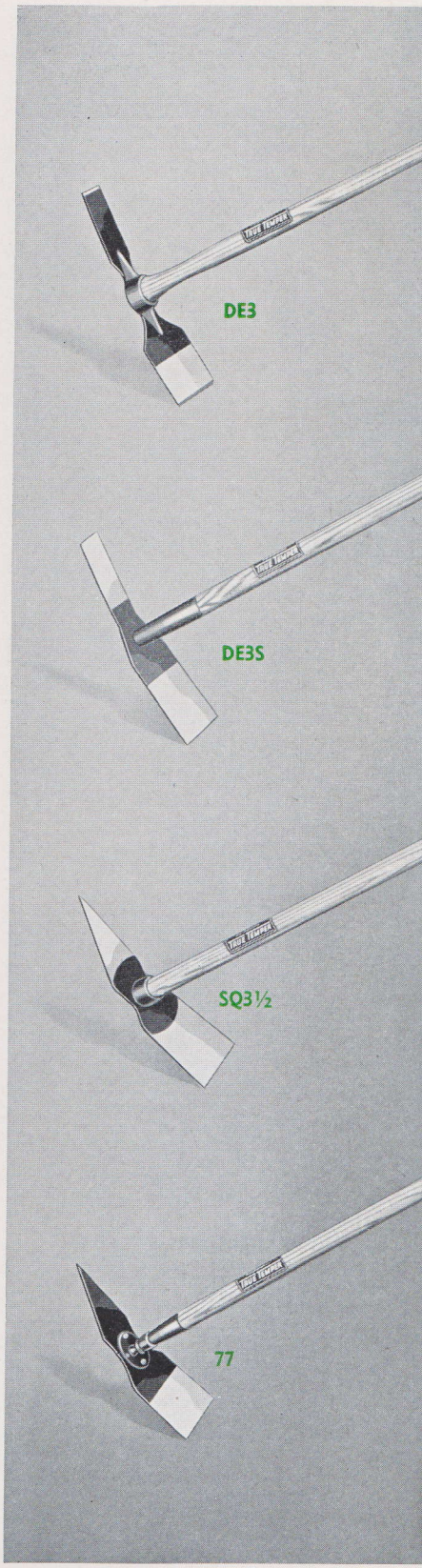
Due to requirements of different sections of the country and to varied uses, the pattern and designs of our mattock hoes differ considerably. They are all sturdily built to withstand hard usage.

PUTTING THE BRAND ACROSS

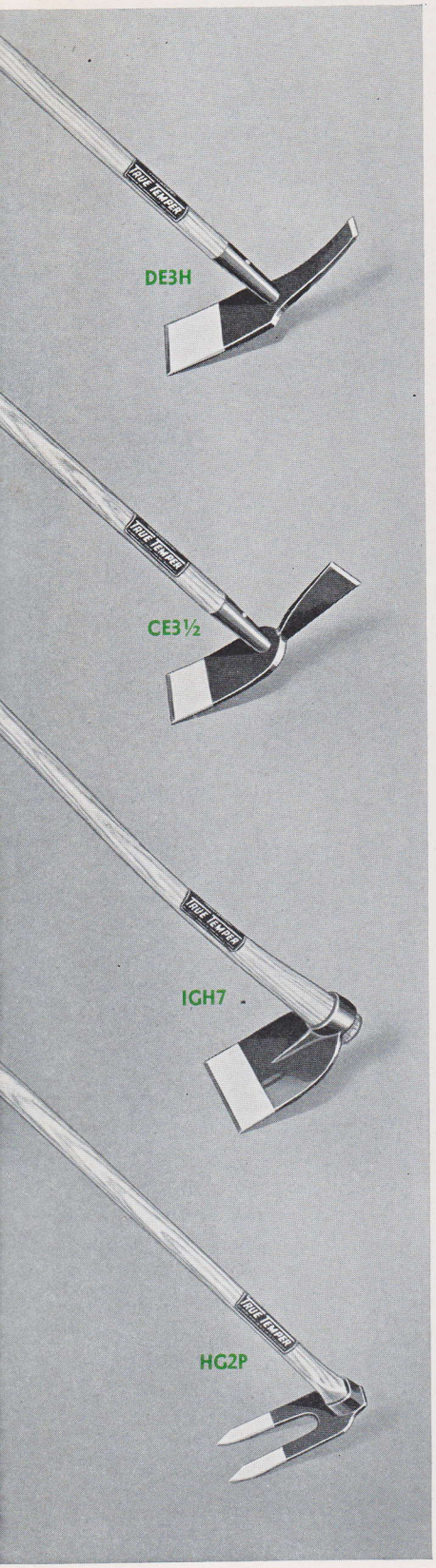
Tell a customer the head of a tool is forged from one piece of steel and it may register an idea of quality. Tell him what kind of steel was used and the chances are it doesn't mean a thing to him.

But hand him the implement and say, "Here, Mister, heft this," and you've nailed his attention. Depend upon it, he'll give it a good going over and he won't miss the words "True Temper" burned in the handle either.

All the time he is testing the balance, examining the design, construction and finish and noting the True Temper Brand, he is selling himself that tool. If you're a merchandiser, the slight premium in price will be a further inducement to purchase because it will confirm his own judgment that he is holding in his hands a high quality tool.



This group of mattock hoes is part of a wide selection of various patterns and designs.



The Mattocks and Grape Hoes in this group are all of True Temper Quality, designed and constructed for hard service.

SOLID STEEL MATTOCKS

TRUE TEMPER QUALITY

Each Shank and Blade Forged from One Solid Piece of Steel

Polished Bit Blades—Maximum Thickness ½ in.

Long Plain Ferrules—4½ ft. Handles

Complete Tool No.		Right Repair Handle No.
DE3H	Blade 3½ in. wide, Cutter 1¾ in. wide, length overall 12 in.	576
CE3½	Blade 3½ in. wide, Cutter (turned axewise) 2½ in. wide, length overall 12 in.	576

These shank pattern mattocks with blades one-half inch thick at center and twelve inches long, are extremely heavy and strong. They are made for the severest kind of use. The DE3H with cutter turned axewise is a special favorite for fighting forest fires because it renders double service as a mattock and as an axe.

ITALIAN GRAPE OR GRADING HOES

TRUE TEMPER QUALITY

Each Blade and Oval Eye Forged from One Solid Piece of Steel**

Second Growth Hardwood, Oval Shaped Bent Handles

Heads and Handles Packed Separately, Each ½ Doz. in a Carton

IGH5	3½ ft. Handle*, Blade 5 in. Wide, 7 in. Deep Under Eye	595
IGH6	" " " " 6 " " 7 " " " "	595
IGH7	" " " " 7 " " 7 " " " "	595

The Italian Grading Hoe is especially popular because of the many uses to which it is adapted. The blade is slightly curved and hung just right for close cutting. The slightly bent oval handle fits the hand nicely. So accurate and rapid is this tool that there is a steadily growing demand for it on road work, for ditching, grading and sloping. It is also favored by sweet potato and cranberry growers.

HANDLED GRAPE EYE HOES

TRUE TEMPER QUALITY

Fitted to 4 ft. Handles—Square Eye

HG2P	Two Prongs, each 6½ in. long and 1⅛ in. Wide, 4 in. Wide Overall at Center	600

Designed for cultivating grapes in hard clay soil, these tools are extra strong.

*Italian Grape or Grading Hoes can be furnished with 4 ft. handles at extra cost.

**Can also be supplied in flat instead of oval eye pattern.

WHERE VALUES REALLY RULE

Contractors, Industrials and large scale growers who use tools in quantities are far more discriminating buyers than are the amateur tool users such as small gardeners. What a tool is made of and how it is made is important. Price gets consideration here. Before the large buyer places his order at even slightly advanced prices, he demands to know what he is getting to justify the premium.

The dealer who goes after this market owes it to his hope of success to stock the right line. True Temper tools are acknowledged leaders the world over.

The True Temper line offers you a practically unlimited range of selections, each with outstanding features and selling points.

Extensive operations and modern manufacturing methods enable you to offer items in this line at such attractive prices that the buyer really cannot afford to buy ordinary tools even at a cheaper figure.

BRACED SHANK GARDEN SCUFFLE HOES

TRUE TEMPER QUALITY

Forged Steel Braced Shanks Riveted to Blades

Long Plain Ferrules

Complete Tool No.		Right Repair Handle No.
XGS5	Blade 8 in. Wide, 2½ in. Deep, 5 ft. Handle	548X
XGS5½	" 8 " " 2½ " " 5½ "	551X

Here is a good sturdy tool which is fine for cleaning and weeding gravel walks as well as for general garden work.

STEEL GARDEN SCUFFLE HOES

TRUE TEMPER QUALITY

Shank Pattern

Long Plain Ferrules—5 ft. Handles

A25	Blade 7½ in. Wide, 4 in. Deep, 5 ft. Handle	548
A25½	" 7½ " " 4 " " 5½ " "	551

This scuffle hoe enjoys popular demand as a practical tool which handles nicely, doing a fast job of weeding and mulching between rows.

DIAMOND BLADE SCUFFLE HOES

TRUE TEMPER QUALITY

12 in. Malleable Shank Riveted to Blade

Long Plain Ferrules—5 ft. Handles

DBS	Blade 10½ in. Wide, 5 in. Deep, All Edges Sharp	557

Sharpened along all four edges and given plenty of clearance by the bent shank, here is a fine scuffle hoe of the "push and pull" type. A rapid worker in almost any cultivated soil, it is particularly in demand by West Coast Gardeners.

BEET SCUFFLE HOES

TRUE TEMPER QUALITY

Long Plain Ferrules—5 ft. Handles

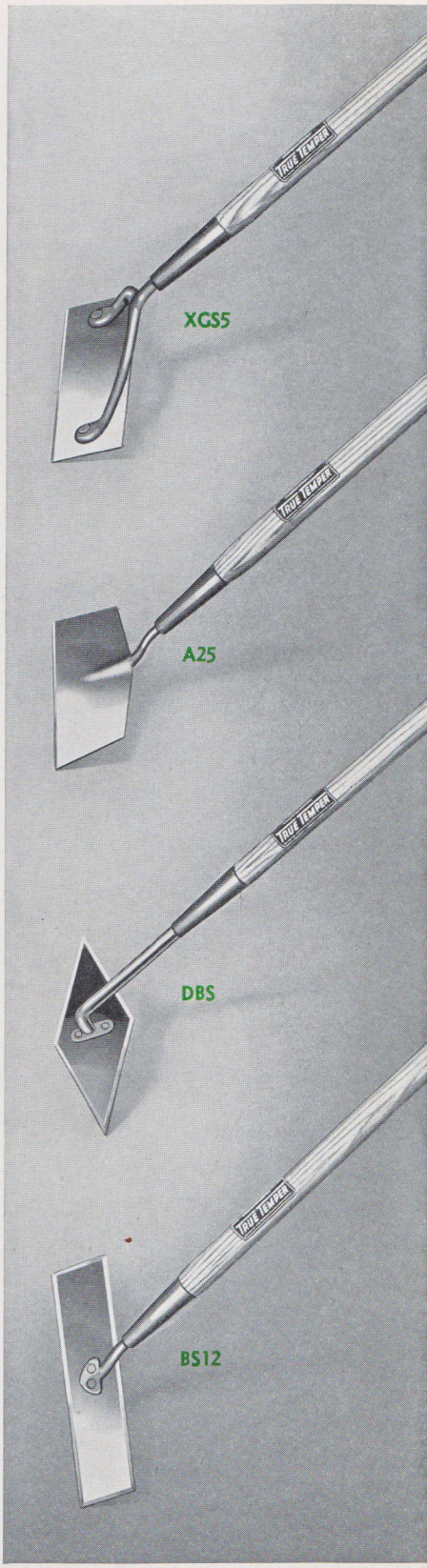
BS12	Blade 12 in. Wide, 2½ in. Deep	548
BS14	" 14 " " 2½ " "	548

These long rectangular scuffles are sharpened on all four sides and have long bent shanks to give them plenty of clearance. Operated back and forth between rows of similar growth, they obliterate weeds and leave well mulched ground to a depth of an inch or more.

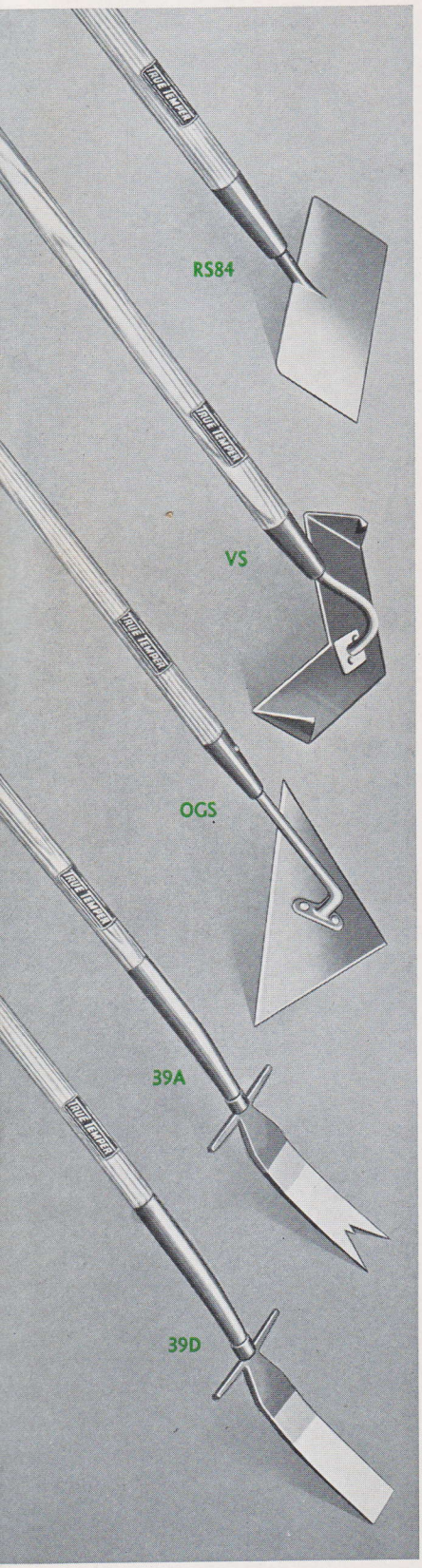
MEETING DIVERSIFIED REQUIREMENTS OF A WIDE MARKET

In the case of such a tool as a scuffle hoe there are almost as many ideas about design as there are users. It would be impossible to satisfy them all and ridiculous to try. After all, tool manufacturing is a production business. Before a new pattern or design is added to the True Temper Line, careful examination of the market is made to determine whether practical application of the design meets demand which justifies the addition.

Nevertheless, these tools have to give service under such varying conditions that the diversity of the line must be adequate. After years of experience in making this type of equipment and observation of its application under every known condition, True Temper offers a range of patterns which dependably meet all requirements. If you have a customer who thinks he could design better tools than he can buy, don't argue with him. Sell him the right True Temper Tool for his work and he'll be cured.



The True Temper Line of scuffle hoes offers a broad selection of patterns to suit the different requirements of varying localities and working conditions.



This group of tools illustrates the variation of patterns characteristic of the True Temper Line.

SHANK RAILROAD SCUFFLE HOES

TRUE TEMPER QUALITY

Each Shank and Blade Forged from One Solid Piece of Steel
Long Plain Ferrules—5 ft. Handles

Complete Tool No.		Right Repair Handle No.
RS84	Heavy Polished Blade 8½ in. Wide, 4 in. Deep	557X

The design and construction of the Railroad Scuffle Hoe makes it a very sturdy tool specially suited to the heavy work of eliminating weeds and grass from road beds along the right of way.

LIGHTNING SCUFFLE HOES

TRUE TEMPER QUALITY

V-Shape Blades with Upturned Ends—Malleable Shanks Riveted to Blades
Long Plain Ferrules—5 ft. Handles

VS	Blade, V-Shaped 9 in. Wide, 2½ in. Deep	548X

This V-shaped tool has a slicing cut and its turned up edges protect plant stems. It is an effective, rapid scuffle hoe to operate.

ORANGE GROVE SCUFFLE HOES

TRUE TEMPER QUALITY

Triangular Blades Riveted to 9 in. Shanks
Long Plain Ferrules—5½ ft. Handles

OGS	Blade 12 in. Wide, Depth through center 6 in. Tempered Steel, Sharpened on All Three Edges	555

This hoe is similar to the Diamond Blade Scuffle and is sharpened along all three edges. It is a tool which enjoys an extensive demand in the citrus fields.

ABBOTT DOCK CUTTERS

TRUE TEMPER QUALITY

Each Shank, Foot Rest and Blade Forged from One Solid Piece of Steel
Tubular Ferrules—30 in. Bent Handles
I-D-L Steel D-Tops

39A	Polished Blade 11 in. Long, 3⅝ in. Wide. Cutting Edge V-Shaped	753

THISTLE AND DOCK CUTTERS

TRUE TEMPER QUALITY

Each Shank, Foot Rest and Blade Forged from One Solid Piece of Steel
Tubular Ferrules—4 ft. Handles

39	Polished Blade 11 in. Long, 3⅝ in. Wide. Cutting Edge Straight	750

Tubular Ferrules—30 in. Bent Handles
I-D-L Steel D-Tops

39D	Polished Blade 11 in. Long, 3⅝ in. Wide. Cutting Edge Straight	753

Eradicating dock and thistle growth is a pretty constant operation and calls for a good sturdy tool. The cutters in this group are all True Temper Quality which, of course, guarantees their performance. The Abbott is a favorite in some localities because of its V-Shaped cutting edge.

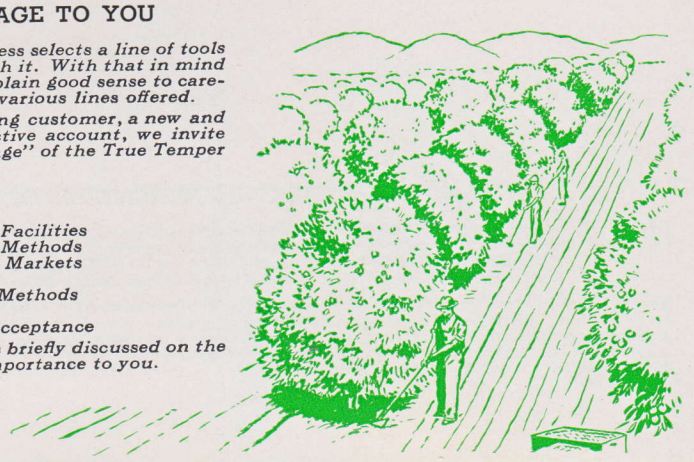
10 POINTS OF ADVANTAGE TO YOU

When a jobber or dealer in this business selects a line of tools to carry, he hopes to make money with it. With that in mind it is good business judgment or just plain good sense to carefully examine the advantages of the various lines offered.

Whether you are an old, long standing customer, a new and equally valued account or a prospective account, we invite you to consider "10 Points of Advantage" of the True Temper Line.

1. *Financial Stability*
2. *Efficient Service*
3. *Experience*
4. *Modern Manufacturing Facilities*
5. *Modern Manufacturing Methods*
6. *Thorough Knowledge of Markets*
7. *Broad Coverage*
8. *Modern Merchandising Methods*
9. *National Advertising*
10. *Established Consumer Acceptance*

You will find each one of these points briefly discussed on the following pages, in the light of its importance to you.



TURF EDGERS

TRUE TEMPER QUALITY

Complete Tool No.	Blades 9 in. Wide—5½ in. Deep	Right Repair Handle No.
40	Shank Pattern, 4 ft. Handle, Long Plain Ferrule	560
040	Socket " 4 " "	563
	I-D-L Steel D-Top Handles	
040D	Socket Pattern, 30 in. Handle	566
	SECOND QUALITY	
40X	Shank Pattern, 4 ft. Handle, Plain Ferrule	561
040X	Socket " 4 " "	564
	JR Steel D-Top Handles	
040DX	Socket Pattern, 30 in. Handle	567

Carefully trimmed edges along walks and drives and around gardens and flower beds greatly enhance the beauty of lawns and yards. The best way to accomplish this type of work is to use a turf edger. The circular blades have sharp cutting edges which penetrate sod and soil with ease and are so shaped that it is easy to follow a straight line or a curved contour.

FLAT TOP TURF EDGERS

TRUE TEMPER QUALITY

Blades 9 in. Wide—4¾ in. Deep

40F	Shank Pattern, 4 ft. Handle, Long Plain Ferrule	560
040F	Socket " 4 " "	563
	I-D-L Steel D-Top Handles	
040DF	Socket Pattern, 30 in. Handle	566

Where it is necessary to cut out thick sod and where the soil is hard packed the flat top turf edger is particularly satisfactory because it provides a step for the foot and therefore more pressure can be exerted to drive it through.

SECOND QUALITY

040FX	Socket Pattern, 4 ft. Handle	564

CHALLENGE FLAT TOP TURF EDGERS

SECOND QUALITY

Socket Pattern—Turned Foot-Rest Tops
Partly Polished Blades—Balance Attractive Red Enamel

440	Blade 9 in. Wide, 4¾ in. Deep; 4 ft. Handle	572

DANDELION WEEDERS

TRUE TEMPER QUALITY

Plain Ferrules—3½ ft. Handles

DW	Tumbled Blade 1¼ in. Wide with V-Shaped, well sharpened cutting edge	819

Blade is set at an angle to enable user to cut root well below the crown of dandelion.

SECOND QUALITY

DWX	Tumbled Blade with V-Shaped, well sharpened cutting edge	819X

DANDELION SPUDS

TRUE TEMPER QUALITY

RDS	Reversible Steel Blade, 3½ ft. Handle	809

In a good many localities dandelion growth is a constant worry of owners who take pride in the appearance of their lawns. Many methods of eliminating this weed have been tried out but the best seems to be the mechanical process of actually cutting it out at the roots. Such work is best accomplished with specially designed tools like these.

SOD LIFTERS

TRUE TEMPER QUALITY

Each Blade and 18" Shank Forged from One Solid Piece of Steel
Tubular Ferrules—32 in. Handles—I-D-L Steel D-Tops

1	Blade 9 in. Wide, 5 in. Deep	569

These tools are much prized by landscape gardeners for cutting and lifting sod for transplanting. The blades are polished steel with 18" shank, set at the proper angle for straight under cut.

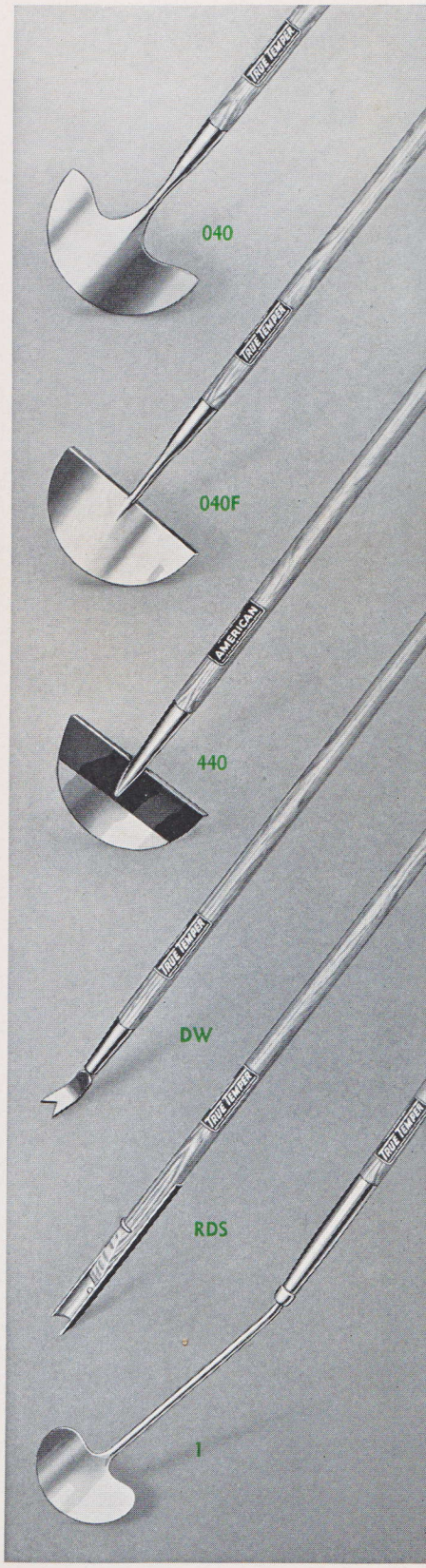
FINANCIAL STABILITY ASSURES TRUE TEMPER PERMANENCE

The True Temper Line is more than a century old. Growth has been steady and consistent. During those years, which have included many depression periods, the company's finances have always been sound, a record of which we are justly proud.

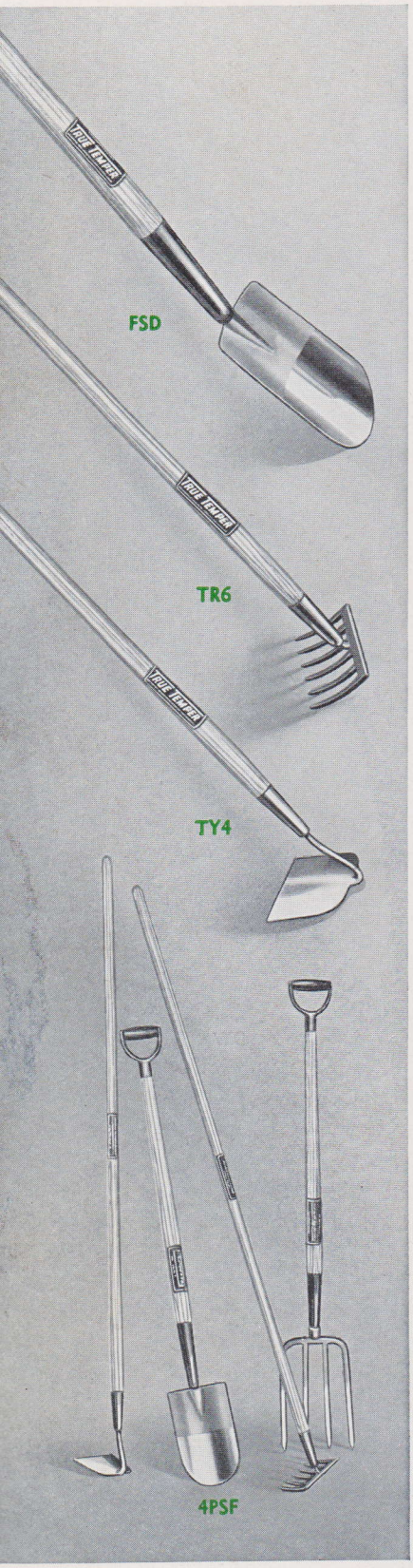
It enables us to constantly improve the line, to increase manufacturing facilities and to keep in advance of the best in modern manufacturing methods. It makes it possible to offer you an extremely broad line, one with established reputation and international acceptance.

It enables us to render you better service, to keep constantly abreast of the needs of our various markets and to increase our distribution by helping you to increase yours.

In a word, the financial stability of True Temper is your "insurance" of permanence, of uniform high quality and of fair and honest business dealings.



Here is a miscellaneous group of True Temper Tools which also illustrates quite a wide range of application and for which there is extensive demand.



Here is a group of very popular tools for flower garden work shown separately and in sets.

FLORAL SHOVELS

TRUE TEMPER QUALITY

Forged Steel Blades
Long Plain Ferrules—Straight Handles

Complete Tool No.		Right Repair Handle No.
FSD	Rounded Blade, 4¾ in. Wide, 7½ in. Deep, 30 in. Handle with JL Steel D-Top	756
FS3½	" " 4¾ " " 7½ " " 3½ ft. Handle	759

FLORAL RAKES

TRUE TEMPER QUALITY

Forged Steel Heads

TR6	Six Curved Teeth, 4 ft. Handle, 6 in. Wide, Depth of Head 2¾ in.	546

FLORAL HOES

TRUE TEMPER QUALITY

Shank Pattern

TY4	4 in. Polished Blade, 4 ft. Handle	534
MT4½	4½ " " " 4 " "	540
LY5	5 " " " 4 " "	540
BY6	6 " " " 4 " "	542

THREE-PIECE FLORAL SETS

TRUE TEMPER QUALITY

3PF Three-Piece Set Consisting of:
One—FSD Floral Shovel
One—TR6 " Rake
One—TY4 " Hoe

Tied in bundles of One Set Each.

SECOND QUALITY

3FSX Three-Piece Set Consisting of:
One—FS3½X Floral Shovel, Natural Finish
One—TR6X " Rake
One—TY4X " Hoe, Natural Finish

Tied in bundles of One Set Each.

FOUR-PIECE FLORAL SETS

TRUE TEMPER QUALITY

4PSF Four-Piece Set Consisting of:
One—FSD Floral Shovel
One—TR6 " Rake
One—TY4 " Hoe
One—B4D Boys' Spading Fork

Tied in bundles of One Set Each.

SECOND QUALITY

4FSX Four-Piece Set Consisting of:
One—FS3½X Floral Shovel, Natural Finish
One—TR6X " Rake
One—TY4X " Hoe, Natural Finish
One—B4LX Boys' Spading Fork, Tumbled Finish

Tied in bundles of One Set Each.

The demand on the part of householders and especially women for light, efficient tools particularly adapted to working in flower gardens has made this line a popular and profitable one to carry. It can be offered in individual units as shown or in three and four piece sets as listed and illustrated. One of these sets provides the amateur gardener with adequate equipment for his work.

AVAIL YOURSELF OF TRUE TEMPER SERVICE

"Service" is a much abused word, yet its real meaning is as important to you as ever. When you place an order for stock, you want it accurately and promptly filled. You expect your shipping instructions to be followed. If there are reasons why your instructions cannot be adhered to in detail, you are entitled to prompt notification and explanation.

Quick and intelligent answers to inquiries, prompt and accurate reply to requests for quotations, fair and and speedy handling of adjustments are all points of service which must vitally interest you. If controversial matters arise, it is a service to have them reasonably discussed and settled at once.

The True Temper organization is geared to give you "efficient service." What that means to you in contemplating the handling of an important line of merchandise, needs no further elaboration.

BABY WARREN HOES

TRUE TEMPER QUALITY

Highly Polished, Heart Shaped Forged Steel Blades
Packed One Doz. in a Carton

Complete Tool No.		Right Repair Handle No.
BW4½	Blade 4½ in. Green Lacquered Grip Handle	805

This is undoubtedly one of the best all around tools on the market. Like the large Warren Hoe it is sharpened along both cutting edges giving it easy penetration. The design of the top makes it very convenient for filling in seed rows.

SHANK GARDEN TROWELS

TRUE TEMPER QUALITY

Blade and Shank Forged from One Solid Piece of Steel
Tempered Blade—Half Polished
Handle—Green Lacquered
Packed One Doz. in a Carton

TX	Blade 5½ in. x 3 in. Drop Shank	804

A good trowel is a necessary part of any adequate garden equipment. There are plenty of cheap trowels offered. Why buy them when for very little more cash outlay it is possible to get a True Temper which will literally last a life time.

EUREKA STEEL WEEDERS AND MULCHERS

TRUE TEMPER QUALITY

Sharp, Tempered, Forged Steel Prongs
E Weeders Packed One Doz. in a Carton

E	Three Prongs with Green Lacquered Grip Handle	805
EL	Three Prongs with Green Lacquered 2 ft. Handle—Plain Ferrule	807
EL4	Three Prongs with Green Lacquered 4 ft. Handle—Plain Ferrule	806

To properly weed and mulch around close set growth is difficult without the right kind of tools. These sharp pronged weeders are ideal for close work of this sort. The points enter easily and pull through the soil with a minimum of effort.

GEM HAND GARDEN SPADES

TRUE TEMPER QUALITY

Flattened, Forged Steel Tines with Sharp Points
G Spades Packed One Doz. in a Carton

G	Three Tines, with Green Lacquered Grip Handle	805
G4	Three Tines, with Green Lacquered 4 ft. Handle—Plain Ferrule	806

There is frequent need for a short handled fork to break up ground before transplanting. These tools, while small, are of the same sturdy construction as the larger True Temper Tools.

TRUE TEMPER GARDEN SETS

TRUE TEMPER QUALITY

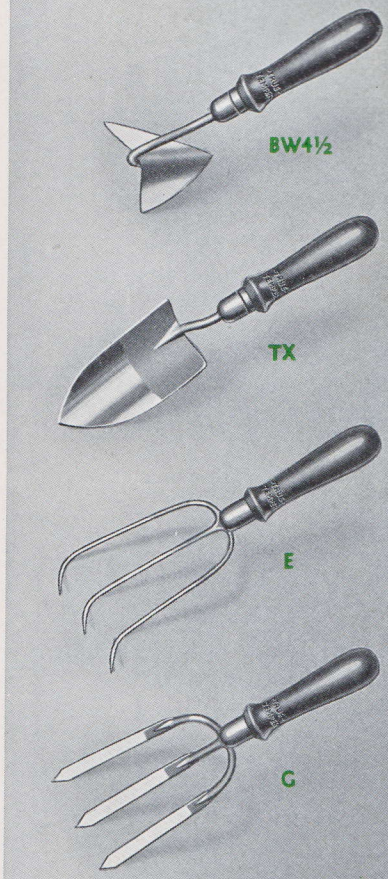
Six Boxes Shipped in Corrugated Container

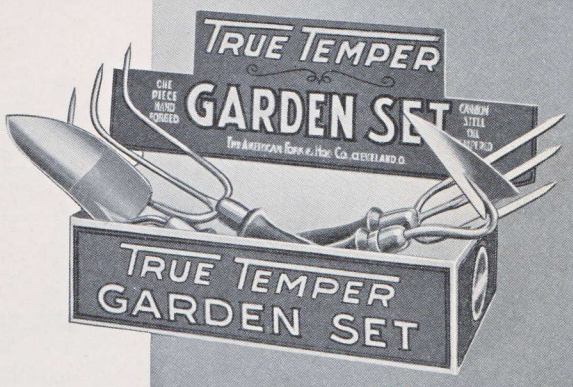
4GS Four Tools as Described Above Contained in Counter Display Box

One E Weeder
One G Spade
One TX Trowel
One BW4½ Baby Warren Hoe

The Counter Display Box is lithographed in three colors. When opened with cover folded back it makes an attractive counter display and is frequently used as a gift or prize by ladies' clubs

It would be impossible to too strongly recommend one of these 4GS sets. A set like this should be part of every householder's garden equipment. The high quality of the tools offered in this combination cannot be questioned and make it a leading item of merchandise for any hardware retailer.



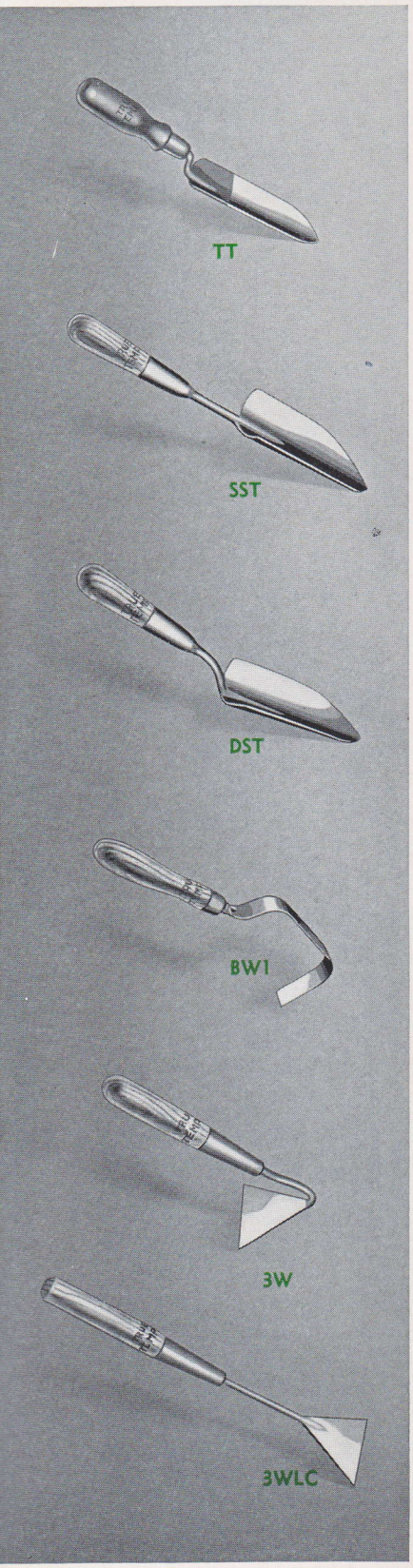


These handy True Temper Quality small garden tools are the very best tools of this class available today.

OUR EXPERIENCE IS YOUR ADVANTAGE

Advantage Point No. 3 is your complete assurance that a True Temper Tool intended and recommended for certain use, will do that particular job better than any other available tool. For more than a generation, we have been making practical equipment, observing its use, watching for ways to improve the product, sometimes redesigning and changing material specifications, sometimes only making some needed minor correction.

Over the same period, we have been serving an increasing army of jobbers and dealers, learning their difficulties and helping to overcome them. Many, many times they've helped us, too, to find the right answers to some of the knotty problems of the tool business. After all, there isn't any real substitute for experience and teaming up yours with ours ought to make a double barreled combination hard to beat.



Here is another outstanding group of small garden tools equally suitable to professional use or to the requirements of amateur gardeners.

TRANSPLANTING TROWELS

TRUE TEMPER QUALITY

Each Blade and Shank Forged from One Solid Piece of Steel
Blades, Half Polished—Handles, Green Lacquered
Packed One Doz. in a Carton

Complete Tool No.		Right Repair Handle No.
TT	Blade 1½ in. Wide, 6¼ in. Long, Sharpened Full Length	804

SOCKET GARDEN TROWELS

TRUE TEMPER QUALITY

Blades Highly Polished
Packed One Doz. in a Carton

SST	6 x 3¼ in. Tempered Blade, Straight Socket	803
DST	6 x 3¼ " " " Drop Shank Socket	803

The SST and DST trowels are the "deluxe" line in trowels and can be sold to people who like to buy quality merchandise.

BEET WEEDERS

TRUE TEMPER QUALITY

Forged Steel Polished Blades
Packed One Doz. in a Carton

BW1	Blade 1 in. Wide, 5 in. Deep	823

TRIANGULAR STEEL WEEDERS

TRUE TEMPER QUALITY

Polished Blades
3W Weeders Packed One Doz. in a Carton

3W	3 in. Blade, 8 in. Stub Handle, Plain Ferrule	820
34W	3 " " 4 ft. Handle " "	821

LETTUCE CUTTERS

TRUE TEMPER QUALITY

Each Triangular Blade and Long Shank Forged from One Solid Piece of Steel
Packed One Doz. in a Carton

3WLC	3 in. Polished Blade, Sharpened, Plain Ferrule, 8 in. Stub Handle, Length Overall 14½ in.	863

Used exclusively by commercial lettuce growers for harvesting head lettuce.

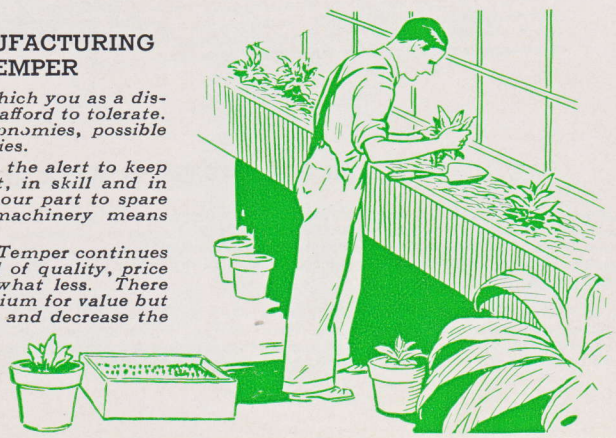
Trowels and weeders are important to any gardening activity whether professional or amateur. To give the best and most lasting service this type of tool needs to be carefully designed and constructed from the finest materials. Unfortunately there are a good many poor quality tools of this sort on the market. Customers who buy them are never satisfied. So many of them bend out of shape, corrode, loosen, that they become useless in a short time. A True Temper trowel or weeder is actually a lifetime tool just as satisfactory after long use as when it is new. Cutting edges can be resharpened over and over again, although frequent sharpening is unnecessary because True Temper Tools hold their edge. The shape of a tool is part of its design and necessary to its proper use. One of the very important reasons why True Temper Tools give the utmost efficiency of service. The slight premium in their first cost is repaid many times during their use.

PRACTICALLY UNLIMITED MANUFACTURING FACILITIES BACK TRUE TEMPER

In these days obsolescence is a handicap which you as a distributor and we as a manufacturer cannot afford to tolerate. Industry must incorporate production economies, possible only to the very best manufacturing facilities.

That is why True Temper is constantly on the alert to keep its many plants up-to-date in equipment, in skill and in management. There is no disposition on our part to spare expense where the installation of new machinery means improving the line.

To you, this policy means that while True Temper continues to maintain its established high standard of quality, price differentials over ordinary tools are somewhat less. There has always been and will always be a premium for value but the True Temper aim is to increase value and decrease the premium.



SPECIAL NARROW BLADE NURSERYMEN'S HOE

TRUE TEMPER QUALITY

Complete Tool No.	Plain Ferrules	Right Repair Handle No.
N2½	Shank Pattern, 2½ in. Blade, 4 ft. Handle	540

SECOND QUALITY

N2½X	Shank Pattern, 2½ in. Blade, 4 ft. Handle	541

SHORT HANDLED BEET THINNING HOES

TRUE TEMPER QUALITY

Shank Pattern—Plain Ferrules			Socket Pattern		
B518	5 in. Blade, 18 in. Handle	825	B0518	5 in. Blade, 18 in. Handle	828
B618	6 " " 18 " "	825	B0618	6 " " 18 " "	828
B718	7 " " 18 " "	822	B0718	7 " " 18 " "	828

SQUARE TOP NURSERYMEN'S OR SUGAR BEET HOES

TRUE TEMPER QUALITY

Shank Pattern—Long Plain Ferrules			Long Socket Pattern		
N6	6 in. Blade, 4⅓ ft. Handle	615	N06	6 in. Blade, 4⅓ ft. Handle	627
N6½	6½ " " 4⅓ " "	615	N06½	6½ " " 4⅓ " "	627
N7	7 " " 4⅓ " "	615	N07	7 " " 4⅓ " "	627
N7½	7½ " " 4⅓ " "	615	N07½	7½ " " 4⅓ " "	627
N8	8 " " 4⅓ " "	615	N08	8 " " 4⅓ " "	627
			N09	9 " " 4⅓ " "	627

SECOND QUALITY*

Shank Pattern—Plain Ferrules			Socket Pattern		
N6X	6 in. Blade, 4⅓ ft. Handle	616	N06X	6 in. Blade, 4 ft. Handle	628
N6½X	6½ " " 4⅓ " "	616	N06½X	6½ " " 4 " "	628
N7X	7 " " 4⅓ " "	616	N07X	7 " " 4 " "	628
N7½X	7½ " " 4⅓ " "	616	N07½X	7½ " " 4 " "	628
N8X	8 " " 4⅓ " "	616	N08X	8 " " 4 " "	628

WARREN HOES

Reg. U. S. Pat. Off.

TRUE TEMPER QUALITY

W7	Socket Pattern, Blade 7 in. Cutting Edge, 4⅓ ft. Handle	627
W7½	" " " 7½ " " " " 4⅓ " "	627
W7½S	Shank Pattern, Blade 7½ in. Cutting Edge, 4⅓ ft. Handle, Long Plain Ferrule	615

The Warren Hoe combines more uses in one tool than any other hoe made. For all-purpose use in drilling seed, covering furrows, hilling, cultivating and weeding, it cannot be equalled.

Curved cutting edges are used for general hoeing, hilling and cultivating, and the point and ears for weeding. Turned point up, the convex ears make it perfect for covering seed.

NEWMAN "EASY KUT" HOES

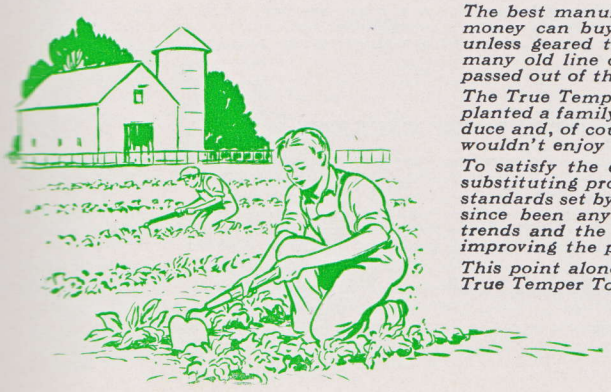
TRUE TEMPER QUALITY

Blade tapered from top center to 1½ in. sides, 7 in. cutting edge and both sides sharpened.

NH7	Shank Pattern, Blade 7 in. x 1½ in. 4⅓ ft. Handle, Long Plain Ferrule	620

The Newman "Easy Kut" is a weeding and mulching hoe with three cutting edges. The extremely shallow blade and carefully sharpened edges and sides make this a real "easy cutting" hoe especially adapted to stirring the top of the soil into dust mulch and killing weeds.

*These hoes can be furnished in lower quality. See Panther Tools, pages 55-60.



MODERN MANUFACTURING METHODS BENEFIT THE DISTRIBUTOR

The best manufacturing facilities and the finest machinery money can buy are of no particular advantage to anyone unless geared to "modern manufacturing methods." Too many old line companies have failed to realize this and so passed out of the picture.

The True Temper was born in a village blacksmith shop.[R] It planted a family tree of the finest tools human skill can produce and, of course, outgrew its birthplace. If it hadn't you wouldn't enjoy the privilege of carrying the line.

To satisfy the enormously increasing demand necessitated substituting production methods which yet maintained the standards set by patient individual skill. There has never since been any let-up in ingenuity, alertness to modern trends and the desire to take advantage of every means of improving the product and the methods of manufacture.

This point alone should be one gauge of your confidence in True Temper Tools.

Here is one group of the very finest hoes on the market today. It illustrates the variety of designs which characterize the True Temper Line and allow a complete selection to meet every requirement.

Here's another group of True Temper Hoes which shows characteristic variation in pattern in order to adapt each tool to specific use.

JERSEY TRUCK HOES

TRUE TEMPER QUALITY

Socket Pattern—4⅓ ft. Handles

Complete Tool No.		Right Repair Handle No.
JT07½	Blade 7½ in. wide, 3¾ in. deep	627

Shank Pattern

4⅓ ft. Handles—Long Plain Ferrules

JT7½	Blade 7½ in. wide, 3¾ in. deep	615

Originating in the extensive truck growing sections of New Jersey, these hoes are in demand throughout the East. Their shallow blades permit use under low growing plants without injury and the rounded cutting corners facilitate close work.

HARPER'S HALF-MOON HOES

TRUE TEMPER QUALITY

Socket Pattern—4⅓ ft. Handles

HM06	Blade 6 in. wide, 3½ in. deep	627
HM07	" 7 " " " " "	627

The Harper Half-Moon is another pattern which enjoys a good demand because of its smooth working qualities around truck patches where it is important to work close to plants and under low hanging stems and foliage.

ROUND TOP ONION HOES

TRUE TEMPER QUALITY

Shank Pattern

4⅓ ft. Handles—Long Plain Ferrules

R73	Blade 7 in. wide, 3 in. deep	625

SQUARE TOP ONION HOES

TRUE TEMPER QUALITY

Shank Pattern

4⅓ ft. Handles—Long Plain Ferrules

S71¾	Blade 7 in. wide, 1¾ in. deep	625

Designing adequate hoes for work in onion fields has necessitated taking into consideration a variety of preferences as to shapes, different localities having their own ideas about the proper design for this type of tool. To meet this market the True Temper Line standardizes on two patterns, round top and square top, having found from experience that further variation in design detail is not necessary.

ELY TOBACCO HOES

TRUE TEMPER QUALITY

Long Socket Pattern—4⅓ ft. Handles

ET08	Blade 8 in. wide, 2⅝ in. deep	627
ET08½	" 8½ " " 2¾ " "	627
ET09	" 9 " " 2½ " "	627
ET010	" 10 " " 2½ " "	627

These hoes have thin, lightweight blades with keen edges and are specially well adapted to work in black or loamy soil. The wide blades make it possible for the user to cover a lot of ground quickly. This is an item which enjoys an extensive demand.

KEEPING UP WITH YOUR MARKETS

Any manufacturer who looks back over decades of expanding markets and successful business and then decides he can close the book and ride along is inviting disaster. Such a fossilized attitude is equally damaging to distributors.

True Temper keeps its contacts alive. The fact that we are serving enormously broader and more diversified markets than ever, necessitates constant study and alertness to trends and changes. We are continually confronted with diminishing demands for certain items and augmented business in others.

Tool uses change. People move about, altering buying habits of localities. Standard requirements vary.

Sometimes these things are not noticeable at first but they must not be overlooked. That is why this Company spares neither money nor pains to keep abreast of what is happening in its far flung markets.

This knowledge is just as available to you as the tools in the True Temper Line and as valuable.

NEW ENGLAND MEADOW HOES

TRUE TEMPER QUALITY

4⅓ ft. Handles—Poplar or Ash Handles

Shank Pattern—Long Plain Ferrules

Complete Tool No.		Right Repair Handle No.
M8	Blade 8 in. wide, 3¾ in. deep	.615
M8½	" 8½ " " 3¾ " "	.615
M9	" 9 " " 3¾ " "	.615

Long Socket Pattern

Complete Tool No.		Right Repair Handle No.
M08	Blade 8 in. wide, 3¾ in. deep	.627
M08½	" 8½ " " 3¾ " "	.627
M09	" 9 " " 3¾ " "	.627

SECOND QUALITY

4⅓ ft. Handles
Shank Pattern — Plain Ferrules

M8½X	Blade 8½ in. wide, 3¾ in. deep	.616
M9X	" 9 " " 3¾ " "	.616

4 ft. Handles
Socket Pattern

M08X	Blade 8 in. wide, 3¾ in. deep	.628
M09X	" 9 " " 3¾ " "	.628

These are light, extremely well balanced hoes. Due to their shallow blade they clear soil readily, are fast in use and very much in demand by farmers for general field work. The blades are thin, and the tools particularly well adapted to use in light loamy soil.

RHODE ISLAND HOES

TRUE TEMPER QUALITY

4⅓ ft. Handles

Shank Pattern—Long Plain Ferrules

R18	Blade 8 in. wide, 4 in. deep	.615
R18½P	" 8½ " " 3¾ " "	.615
R19	" 9 " " 4 " "	.615
R110	" 10 " " 4 " "	.615

Socket Pattern

R108	Blade 8 in. wide, 4 in. deep	.627
R108½P	" 8½ " " 3¾ " "	.627
R109	" 9 " " 4 " "	.627

As the name indicates, this tool was first used in Rhode Island, but its popularity has spread to other localities and the demand for it has increased. Like the Meadow Hoe Series it has a thin blade and is a comparatively light hoe but it has a little deeper "goose neck." It is also a very fast working hoe.

REGULAR FIELD AND GARDEN HOES

TRUE TEMPER QUALITY

4⅓ ft. Handles

Shank Pattern—Long Plain Ferrules

G6	Blade 6 in. wide	.615
G6½	" 6½ " "	.615
G7	" 7 " "	.615
G7½	" 7½ " "	.615
G8	" 8 " "	.615
G67	Asstd. Blades 6 in. to 7 in. wide	.615
G6½7½	" " 6½ " " 7½ " "	.615

Long Socket Pattern

G06	Blade 6 in. wide	.627
G06½	" 6½ " "	.627
G07	" 7 " "	.627
G07½	" 7½ " "	.627
G08	" 8 " "	.627
G067	Asstd. Blades 6 in. to 7 in. wide	.627
G06½7½	" " 6½ " " 7½ " "	.627

SECOND QUALITY *

4⅓ ft. Handles
Shank Pattern—Plain Ferrules

G6X	Blade 6 in. wide	.616
G6½X	" 6½ " "	.616
G7X	" 7 " "	.616
G7½X	" 7½ " "	.616
G8X	" 8 " "	.616
G67X	Asstd. Blades 6 in. to 7 in. wide	.616
G6½7½X	" " 6½ " " 7½ " "	.616

4 ft. Handles
Socket Pattern

G06X	Blade 6 in. wide	.628
G06½X	" 6½ " "	.628
G07X	" 7 " "	.628
G07½X	" 7½ " "	.628
G08X	" 8 " "	.628
G067X	Asstd. Blades 6 in. to 7 in. wide	.628
G06½7½X	" " 6½ " " 7½ " "	.628

These are standard hoes for farm and garden service in all parts of the country except the cotton growing states. They are the best general purpose hoes available anywhere and rightly enjoy an enormous demand.

SELF-SHARPENING HOES

TRUE TEMPER QUALITY

Socket Pattern—Handles 4⅓ ft. Long with Double Spring

LE	Assorted Blades, 6 in. to 7 in. wide, Laid Edge	.623
LE6	Blade 6 in. wide, 4⅜ in. deep Laid Edge	.623
LE6½	" 6½ " " 4½ in. " "	.623
LE7	" 7 " " 4½ in. " "	.623

Here is a hoe which is "different." The blade is made of mild steel to the face of which is welded a thin layer of very high tempered tool steel. The mild steel, of course, wears off faster leaving the harder steel to form a continually sharp cutting edge. The hoe gives long efficient service and, of course, requires no sharpening operation.

*These hoes can be furnished in lower quality. See Panther Tools, pages 55-60.

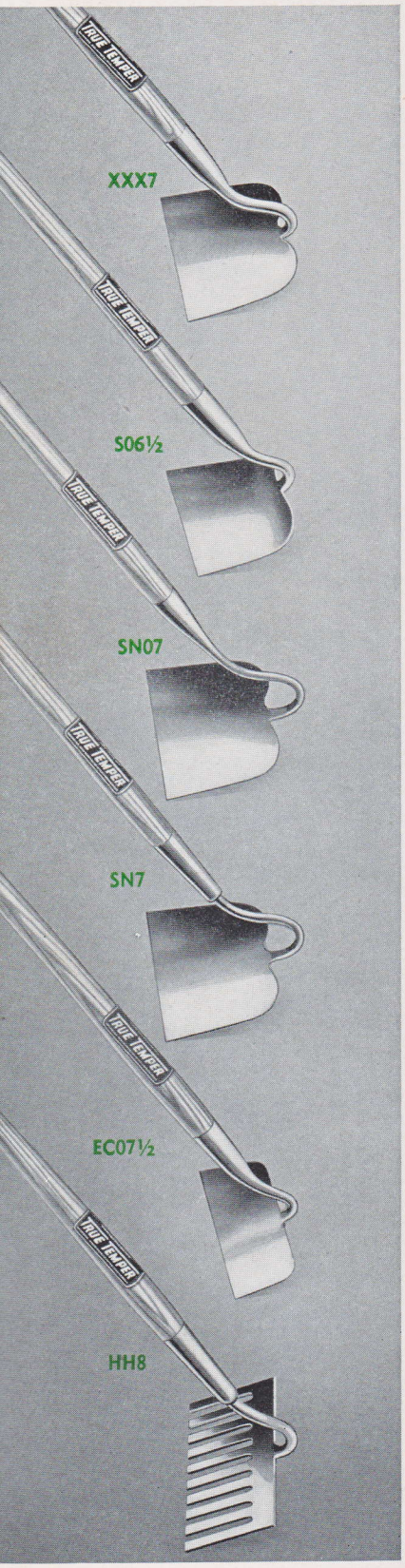
WHAT "BROAD COVERAGE" MEANS TO YOU

Already one of the most extensive and varied lines on the market, True Temper continues to expand, adding new items from time to time. But as has always been our policy, no item is added and none continued for which there is not a steady substantial demand.

Such "broad coverage" offers certain definite advantages to the distributor. It enables him to carry many items of True Temper Quality, reducing sales resistance. It concentrates his problems of credit, service and adjustments. It gives him the advantages of being a larger customer for one line.

To be a True Temper Dealer is to automatically establish a reputation as a merchant of quality products, of sound financial position and as an exponent of manufacturing and merchandising policies which have proved successful the world over.

Here is a representative group from our very extensive line of Meadow, Field and Garden Hoes.



These hoes are further illustrative of the variety of patterns which makes the True Temper Line the most complete on the market.

IVANHOE SOCKET FIELD AND GARDEN HOES

TRUE TEMPER QUALITY

Long Socket Pattern

Complete Tool No.	Extra Selected Double Spring Handles—4⅓ ft. Long	Right Repair Handle No.
XXX	Mirror Finish Polished Blades, Assorted, 7 in. wide to 8 in. wide	624
XXX7	" " " Blade, 7 in. wide, 4½ in. deep	624
XXX8	" " " Blade, 8 in. wide, 4¾ in. deep	624

The Ivanhoe has the same pattern as the Standard Garden Hoe but with finer finish and specially selected white ash handles. The highly polished, extra thin blade scours and cleans perfectly and works efficiently in all types of soil. This hoe appeals to the consumer who demands and is willing to pay for the best. Yet it costs only a little more.

SMITH'S PATENT FIELD AND GARDEN HOES

TRUE TEMPER QUALITY

Special Curved Blades for Weeding and Hilling—4⅓ ft. Handles

Shank Pattern—Long Plain Ferrules		Long Socket Pattern	
SA	Asstd. Blades 6 in. to 7 in. wide	615	SOA Asstd. Blades 6 in. to 7 in. wide 627
S6	Blades 6 in. wide, 4¾ in. deep	615	S06 Blade 6 in. wide, 4¾ in. deep 627
S6½	" 6½ " " 4⅞ " "	615	S06½ " 6½ " " 4⅞ " " 627
S7	" 7 " " 4⅞ " "	615	S07 " 7 " " 4⅞ " " 627
S7½	" 7½ " " 5 " "	615	S07½ " 7½ " " 5 " " 627

Hilling in loose dry soil is slow work with a standard type hoe because of the tendency of the dirt to "spill over" when it is being drawn onto the hill. Smith's Patent Hoes overcome this difficulty with their "dished" or curved blades which hold dirt until it is released by lifting. These are fast, efficient hilling hoes and good general purpose tools as well.

WASHINGTON COUNTY FIELD AND GARDEN HOES

TRUE TEMPER QUALITY

4 ft. Single Spring Handles—Extra Long Curved Shanks and Sockets

Shank Pattern—Long Plain Ferrules		Socket Pattern	
SNA	Asstd. Blades 7 in. to 8 in. wide	612	SNOA Asstd. Blades 7 in. to 8 in. wide 621
SN7	Blade 7 in. wide	612	SN07 Blade 7 in. wide 621
SN7½	" 7½ " "	612	SN07½ " 7½ " " 621

These hoes meet the considerable demand for a tool with extra long curved shanks.

ELY PATTERN CORN HOES

TRUE TEMPER QUALITY

4⅓ ft. Handles

Shank Pattern—Long Plain Ferrules		Long Socket Pattern	
EC7	Blade 7 in. wide, 2½ in. deep	608	EC07 Blade 7 in. wide, 2½ in. deep 602
EC7½	" 7½ " " 2½ " "	608	EC07½ " 7½ " " 2½ " " 602
EC8	" 8 " " 2½ " "	608	EC08 " 8 " " 2½ " " 602

SECOND QUALITY

4⅓ ft. Handles Shank Pattern—Plain Ferrules		4 ft. Handles Socket Pattern	
EC7X	Blade 7 in. wide	610	EC07X Blade 7 in. wide 605
EC7½X	" 7½ " "	610	EC08X " 8 " " 605
EC8X	" 8 " "	610	

The Ely Hoe originated in our Ely Works, St. Johnsbury, Vt., and rapidly became a high sales item with strong demands throughout the Connecticut Valley. Today because of the efficiency and satisfactory service of the tool in use, the market is extended throughout the eastern central parts of the United States. Ely Hoes are particularly efficient in light soils. Their Blades are very thin and their design makes them specially fast working units.

HUMPHREY TYPE TOOTHED HOES

TRUE TEMPER QUALITY

Shank Pattern—4⅓ ft. Handles—Long Plain Ferrules

HH8 Blade 8 in. wide, 3¾ in. deep, ten teeth 2¾ in. deep, 615

Here is a hoe that has considerable demand among users who like a general purpose tool which can be handled as a hoe for weeding and at the same time as a mulcher and rake. The Humphrey is a nice selling item in a good many localities.

TRUE TEMPER MERCHANDISING HELPS YOU SELL MORE GOODS

A manufacturer who is content to turn out a good product and put it into his jobbers' hands does not go far enough. He has a merchandising job to do and he owes it to his distributors to do a thoroughly good one.

This is one of the reasons for True Temper's success. We believe our work is only partly done when the jobber buys a bill of goods. We expect to help him sell it by creating fresh and increasing demands on the part of the retailer. Knowing the latter must enjoy stout customer demand, we do not leave him stymied wondering what to do next, but are continually building consumer demand from which he benefits.

True Temper Tools are well publicized. Effective sales helps are always available. There is never any lack of display material. National Advertising continually keeps "True Temper" in the public consciousness. These are some of the Modern Merchandising Methods which go with the True Temper Line.

MORTAR HOES

TRUE TEMPER QUALITY

Shank Pattern

5½ ft. Handles—Long Plain Ferrules

Complete Tool No.		Right Repair Handle No.
9	Blade 9 in. wide, 6 in. deep	648
10	" 10 " " 6 " "	648

5½ ft. Handles—Strap Ferrules

09	Blade 9 in. wide, 6 in. deep	654
010	" 10 " " 6 " "	654

5½ ft. Handles—Socket Pattern

S9	Blade 9 in. wide, 6 in. deep	660
S10	" 10 " " 6 " "	660

TWO-HOLE MORTAR MIXERS

TRUE TEMPER QUALITY

Shank Pattern

5½ ft. Handles—Long Plain Ferrules

M29	Blade 9 in. wide, 6 in. deep	648
M210	" 10 " " 6 " "	648

5½ ft. Handles—Strap Ferrules

M029	Blade 9 in. wide, 6 in. deep	654
M0210	" 10 " " 6 " "	654

Socket Pattern

5½ ft. Handles

SM29	Blade 9 in. wide, 6 in. deep	660
SM210	" 10 " " 6 " "	660

SPECIAL MORTAR HOES

TRUE TEMPER QUALITY

Smith Harper Shank Pattern

7 ft. Handles—Long Plain Ferrules

SMH8½	Blade 8½ in. wide, 6½ in. deep	664

Hand mixing mortar is hard work for both the tool and the user. It is extremely important that the design of the hoe is such as to increase its efficiency and save labor in use. Here are three True Temper patterns which meet the preferences of this trade. Although they differ somewhat in design they are are ruggedly built of the finest material to give satisfactory and lasting service.

STREET HOES

TRUE TEMPER QUALITY

Shank Pattern

5½ ft. Handles—Long Plain Ferrules

12S5½	Blade 12 in. wide, 6 in. deep	648

6 ft. Handles—Long Plain Ferrules

12S6	Blade 12 in. wide, 6 in. deep	651

Here is a heavy, strongly built, well balanced hoe specially designed for street cleaning and other heavy duty service.

CHICKEN HOUSE OR BARN FLOOR SCRAPERS

TRUE TEMPER QUALITY

Forged Braced Shank

6 ft. Handles—Strap Ferrules

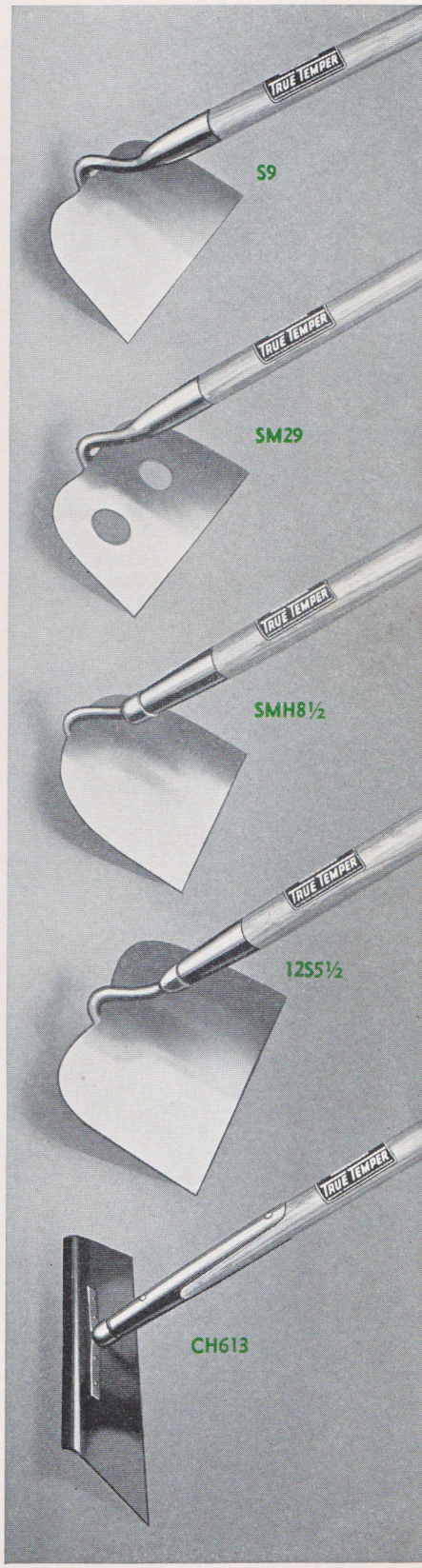
CH613	Blade 13 in. wide, 4½ in. deep with an Angled Top 10 in. wide and ¾ in. deep	666
CH618	" 18 " " 4½ " " " " " " 15 " " " ¾ " "	666

This tool was primarily designed for cleaning the floors and dropping boards in chicken houses. It is also used for cleaning and scraping barn floors. The handle has just the right pitch so that the blade will not dig into the floor when scraping. The upper edge of the blade is slightly dished outward so that any manure which may adhere to the floor can be easily dislodged.
The blades are made of plate steel, black finish and are riveted to a forged braced shank. The handles are equipped with strap ferrules giving them strength where most needed. The regular length of the handle is 6 feet, but if desired an 8 foot handle can be furnished at a slight additional cost.

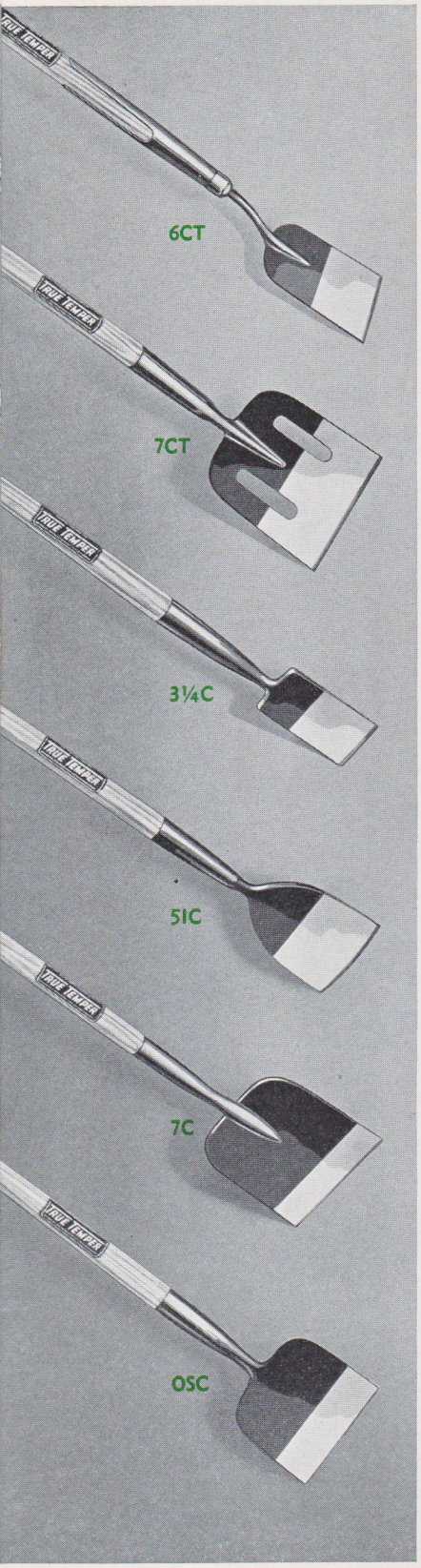
OF COURSE WE ADVERTISE

In this competitive age, advertising is a business necessity. True Temper has never been short sighted in this matter. We are proud of the name and its meaning. We brand it, literally, on the handles of our tools. We have spent and continue to spend thousands to keep True Temper before the buying public which is our market and yours.

Advertising is an important part of our merchandising effort. It has contributed to our expanding success. We expect to continue and increase our program, improving it as we are continually improving True Temper Tools. Those who carry the line naturally share the prestige which advertising has helped to build.



True Temper Heavy Duty Hoes made in a variety of patterns enjoy strong demand for Industrial Service.



This group of tools illustrates the True Temper Line of Concrete Tampers, Ice Chisels and Heavy Duty Sidewalk Cleaners.

CONCRETE TAMPERS

TRUE TEMPER QUALITY

Solid Blade Shank Pattern

Complete Tool No.	4½ ft. Handles—Strap Ferrules	Right Repair Handle No.
6CT	Heavy Blades 6 in. wide, Offset Shank, Neck about ⅝ in. diameter	796

Slotted Blade Socket Pattern—4½ ft. Handles

7CT	Heavy Blade 7 in. wide, Offset Shank, Neck about ¾ in. diameter	797

Tools for concrete work must be very strongly built. True Temper Tampers meet the requirement in every respect and in addition are so designed as to render them most efficient in use. They are made both in solid blade and slotted blade patterns, slotted blades are preferred by a good many users because they permit the use of a larger contact area by providing release for air.

EXTRA HEAVY ICE CHISELS

TRUE TEMPER QUALITY

Socket Pattern—4 ft. Handles

3¼C	Blade 9/16 in. Thick at Neck, 3¼ in. Wide, 6¼ in. Deep	786
5IC	" ¾ " " " " 5 " " 6½ " "	786
7C	" ¾ " " " " 7 " " 8 " "	794

In Northern sections where the ice becomes excessively thick, home owners, storekeepers and factory managers will find these tools specially adapted for cutting and removing ice from walks and driveways. They are made with heavy, chisel-shaped blades that crack and loosen thick layers of ice as they cut. They are also used for harvesting natural ice and for handling ice cakes in storage warehouses and by the shipping industry for cleaning barnacles from the sides of ships.

SIDEWALK CLEANERS

TRUE TEMPER QUALITY

Socket Pattern—4½ ft. Handles

OSC	Heavy Blade 7 in. wide, 6 in. deep	777

Shank Pattern

4½ ft. Handles—Long Plain Ferrules

SC	Heavy Blade 7 in. wide, 6 in. deep	774

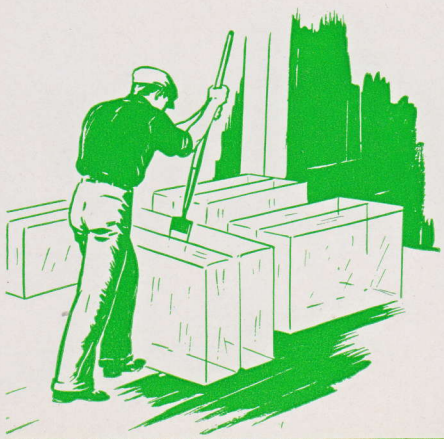
These sidewalk cleaners are particularly rugged tools made to stand up under constant use, chipping and cleaning ice and snow from in front of stores and shops. There is considerable demand for this tool on the part of home owners who like something more serviceable and sturdy than the lighter weight units usually offered for less money.

TRUE TEMPER ASSURES YOU CONSUMER ACCEPTANCE

The distributor who is stocking a line of tools, has his choice between two alternatives. He can buy on price alone and take his chances with a product which he must sell entirely on his own or he can buy True Temper, knowing that consumer acceptance has long been established.

From the beginning, this acceptance has been based on the recognized high quality of an honest product and upon fair dealing. That is the foundation for the True Temper Line, a solid one upon which the ultimate structure of this business has been reared. It stands as firm today as ever.

It hardly seems that a wise dealer, aware of the struggle which business is today, could hesitate long in making his choice. Usually, thanks to his good judgment, it is TRUE TEMPER.



SIDEWALK CLEANERS

TRUE TEMPER QUALITY

Shank Pattern

Complete Tool No.	4½ ft. Handles—Long Plain Ferrules	Right Repair Handle No.
CSC	Medium Weight Blade, 7 in. wide, 5 in. deep	773
SCL7	Light " " 7 " " 5 " "	789

Ferrules Reinforced with Malleable Iron Caps

X7½	Blade 7½ in. wide, 6 in. deep	775
X8	" 8 " " 6 " "	775

New Century Shank Pattern

4½ ft. Extra Heavy Handles—Heavy Malleable Iron Ferrules

8	Double Beaded Blade, 8 in. wide, 6 in. deep	780

These tools have solid shanks that are inserted into extra heavy handles under heavy malleable iron ferrules. These ferrules add weight and reinforce the end of the handles. The blade bears against the ferrule and distributes the blow in such a manner that the tools can be used to chop the thickest ice without danger of splitting the handles.

Socket Pattern—4 ft. Handles

Carbon Steel Blades Double Riveted to Extra Heavy Malleable Iron Sockets

SW7½	Blade 7½ in. wide, 5 in. deep	783

SECOND QUALITY *

Shank Pattern

4 ft. Handles—Plain Ferrules

6	Blade 7 in. wide, 5 in. deep	789

BIG BOY SIDEWALK CLEANERS

SECOND QUALITY

Socket Pattern

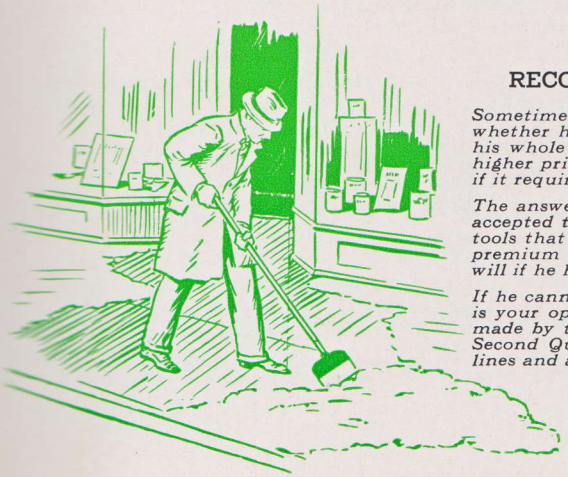
4½ ft. Hardwood Handles—Double Riveted to Sockets

Blade and Socket Forged from One Piece of Steel

770	Blade 8 in. wide, 6¾ in. deep	771

Although not True Temper Quality, the Big Boy Sidewalk Cleaner is a thoroughly satisfactory and dependable tool. It is heavy and strong and will stand most any amount of rough use in ice or snow. It is equally serviceable for cleaning barn, garage and factory floors or for scraping off old shingles and roofing paper.

*Sidewalk cleaners can be furnished in lower quality. See Panther Tools, Pages 55-60.

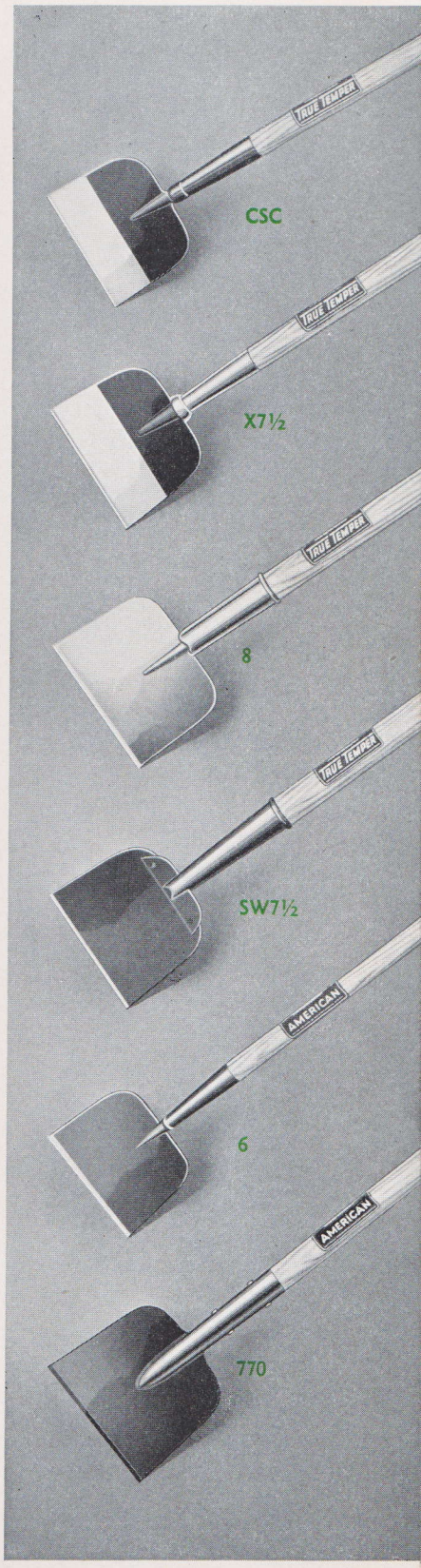


RECOMMENDING THE PROPER QUALITY

Sometimes a dealer who stocks our full line is in doubt as to whether he should recommend Second Quality tools or put his whole emphasis on True Temper Quality at a slightly higher price. Of course he is anxious to make the sale even if it requires giving ground on price.

The answer is "Start with True Temper." It is known and accepted the world over as a brand name given to the finest tools that can be made. If the consumer can pay the small premium to possess a True Temper tool, depend upon it, he will if he has a true appreciation of values.

If he cannot pay the price and you know he can't then that is your opportunity to offer him a Second Quality product made by the "same people who make True Temper." Our Second Quality tools are superior in every way to ordinary lines and are competitive in price.



These Sidewalk Snow and Ice Cleaners illustrate the variation in design demanded by a selective market and the different conditions under which such tools are used.

Here is a representative group from the very large True Temper Line of Planter and Cotton Hoes.

SANDWICH ISLAND PLANTER HOES

TRUE TEMPER QUALITY

Socket Pattern

5 ft. Handles—Polished Blades—8 in. Wide

Complete Tool No.		Right Repair Handle No.
S6⅝5	Medium Weight ⅝ in. Neck, Blade 6 in. Deep	645
S6¾5	Heavy " ¾ " " " 6 " "	645
S7¾5	Extra Heavy " ¾ " " " 7 " "	645

Originally built especially for the Hawaiian Islands trade, the demand for this heavier type of hoe has steadily increased in this country. It is an extra strong tool, very much in favor where something more rugged than the Regular Planters' Hoe is required.

REGULAR GOOSE NECK PLANTER HOES

Shank Pattern

Shanks about ⅝ in. Diameter—Full Polished Blades

TRUE TEMPER QUALITY

4½ ft. Handles—Long Plain Ferrules

P54½	Blade 5 in. wide	633
P64½	" 6 " "	633
P6½4½	" 6½ " "	633

5 ft. Handles—Long Plain Ferrules

P55	Blade 5 in. wide	636
P65	" 6 " "	636
P6½5	" 6½ " "	636
P75	" 7 " "	636
P7½5	" 7½ " "	636
P85	" 8 " "	636

SECOND QUALITY*

4½ ft. Handles—Plain Ferrules

P54½X	Blade 5 in. wide	634
P64½X	" 6 " "	634
P6½4½X	" 6½ " "	634

5 ft. Handles—Plain Ferrules

P55X	Blade 5 in. wide	637
P65X	" 6 " "	637
P6½5X	" 6½ " "	637
P75X	" 7 " "	637
P7½5X	" 7½ " "	637
P85X	" 8 " "	637

This is the heaviest type of hoe in general use in the cotton growing states where it originated. It is just the tool for uneven, hard and stony ground.

STRAIGHT SHANK, STRAIGHT BLADE PLANTER HOES

Shank Pattern

Blades Same Size and Weight as Regular Planter Hoes

Shanks about ⅝ in. Diameter—Full Polished Straight Blades

TRUE TEMPER QUALITY

5 ft. Handles—Long Plain Ferrules

SP75	Blade 7 in. wide	636
SP7½5	" 7½ " "	636
SP85	" 8 " "	636

SECOND QUALITY*

5 ft. Handles—Plain Ferrules

SP75X	Blade 7 in. wide	637
SP7½5X	" 7½ " "	637
SP85X	" 8 " "	637

Except for the short straight shank, these hoes are similar to the Regular Goose Neck Planter Hoes. They are in demand for general purpose work and for chopping out cotton.

REGULAR GOOSE NECK COTTON HOES

Shank Pattern

Shanks about ½ in. Diameter—Full Polished Blades

TRUE TEMPER QUALITY

4½ ft. Handles—Long Plain Ferrules

C54½	Blade 5 in. wide	672
C64½	" 6 " "	672
C6½4½	" 6½ " "	672

5 ft. Handles—Long Plain Ferrules

C55	Blade 5 in. wide	675
C65	" 6 " "	675
C6½5	" 6½ " "	675
C75	" 7 " "	675
C7½5	" 7½ " "	675
C85	" 8 " "	675

SECOND QUALITY*

4½ ft. Handles—Plain Ferrules

C54½X	Blade 5 in. wide	673
C64½X	" 6 " "	673
C6½4½X	" 6½ " "	673

5 ft. Handles—Plain Ferrules

C55X	Blade 5 in. wide	676
C65X	" 6 " "	676
C6½5X	" 6½ " "	676
C75X	" 7 " "	676
C7½5X	" 7½ " "	676
C85X	" 8 " "	676

Somewhat lighter than the Regular Planter Hoes, these hoes are much in demand in areas where the soil is light, loamy and easily worked.

STRAIGHT SHANK, STRAIGHT BLADE COTTON HOES

Shank Pattern, Similar in Design to SP75 Illustrated

Shanks about ½ in. Diameter—Full Polished Blades

TRUE TEMPER QUALITY

4½ ft. Handles—Long Plain Ferrules

SC6½4½	Blade 6½ in. wide	672

5 ft. Handles—Long Plain Ferrules

SC6½5	Blade 6½ in. wide	675
SC75	" 7 " "	675
SC7½5	" 7½ " "	675
SC85	" 8 " "	675

SECOND QUALITY*

4½ ft. Handles—Plain Ferrules

SC6½4½X	Blade 6½ in. wide	673

5 ft. Handles—Plain Ferrules

SC6½5X	Blade 6½ in. wide	676
SC75X	" 7 " "	676
SC7½5X	" 7½ " "	676
SC85X	" 8 " "	676

*Planter and Cotton Hoes can be furnished in lower quality. See Panther Tools, pages 55-60.

SUPPLYING THE TOOLS FOR AN INDUSTRY

Cotton growing is an Agricultural Industry, the supporting activity of many of our Southern States. Hand labor, using hand tools, is still a principal factor in its cultivation and there is a wide variation in conditions and soil throughout the region.

Any line of hoes successfully selling to this market must include a variety of patterns and styles in order to adequately meet these conditions and supply the demands of the different localities. The True Temper Line offers the dealer the most complete extensive selection available.

True Temper has had years of experience manufacturing tools for the cotton growing sections of the country and has acquired an intimate knowledge of the market's needs. This fact alone assures the dealer that True Temper is the right line for him to carry.

TEXAS COTTON HOES

Shank Pattern

Goose Neck Shanks about ½ in. Diameter—Full Polished Blades

TRUE TEMPER QUALITY

5 ft. Handles—Long Plain Ferrules

Complete Tool No.		Right Repair Handle No.
T65	Blade 6 in. wide, approximately 4½ in. deep	675
T75	Blade 7 in. wide, approximately 4½ in. deep	675
T85	Blade 8 in. wide, approximately 4½ in. deep	675

SECOND QUALITY*

5 ft. Handles—Plain Ferrules

Complete Tool No.		Right Repair Handle No.
T65X	Blade 6 in. wide, approximately 4½ in. deep	676
T75X	Blade 7 in. wide, approximately 4½ in. deep	676
T85X	Blade 8 in. wide, approximately 4½ in. deep	676

LIGHT GOOSE NECK COTTON HOES

Shank Pattern

Shanks about 7/16 in. Diameter

Full Polished Blades—Same Weight as Regular Field Hoes

TRUE TEMPER QUALITY

4½ ft. Handles—Long Plain Ferrules

LC64½	Blade 6 in. wide	690
LC6½4½	" 6½ " "	690

5 ft. Handles—Long Plain Ferrules

LC65	Blade 6 in. wide	693
LC6½5	" 6½ " "	693
LC75	" 7 " "	693
LC7½5	" 7½ " "	693
LC85	" 8 " "	693

SECOND QUALITY*

4½ ft. Handles—Plain Ferrules

LC64½X	Blade 6 in. wide	691
LC6½4½X	" 6½ " "	691

5 ft. Handles—Plain Ferrules

LC65X	Blade 6 in. wide	694
LC6½5X	" 6½ " "	694
LC75X	" 7 " "	694
LC7½5X	" 7½ " "	694
LC85X	" 8 " "	694

COTTON CHOPPER HOES

Shank Pattern—Straight Shanks

Full Polished Blades—Blades not exceeding 4 in. Depth

TRUE TEMPER QUALITY

5 ft. Handles—Long Plain Ferrules

CC8	Blade 8 in. wide	699
CC9	" 9 " "	699
CC10	" 10 " "	699

SECOND QUALITY*

5 ft. Handles—Plain Ferrules

CC8X	Blade 8 in. wide	700
CC9X	" 9 " "	700
CC10X	" 10 " "	700

SOUTHERN MEADOW OR BLACKLAND HOES

5 FT. HANDLES

Full Polished Blades about 4 in. Deep—Shanks about 7/16 in. Diameter

TRUE TEMPER QUALITY

Shank Pattern

Long Plain Ferrules

SM7	Blade 7 in. wide	720
SM8	" 8 " "	720
SM9	" 9 " "	720
SM10	" 10 " "	720

Long Socket Pattern

SM07	Blade 7 in. wide	726
SM08	" 8 " "	726
SM09	" 9 " "	726
SM010	" 10 " "	726

SECOND QUALITY*

Shank Pattern

Plain Ferrules

SM7X	Blade 7 in. deep	721
SM8X	" 8 " "	721
SM9X	" 9 " "	721
SM10X	" 10 " "	721

Socket Pattern

SM07X	Blade 7 in. wide	727
SM08X	" 8 " "	727
SM09X	" 9 " "	727
SM010X	" 10 " "	727

These hoes are light, strong tools with wide shallow blades which retain sharp cutting edges. They were first designed for use in the blacklands of South Texas but their demand has become quite general throughout the South and even North of the cotton belt. They serve equally well for general hoeing and for chopping out cotton.

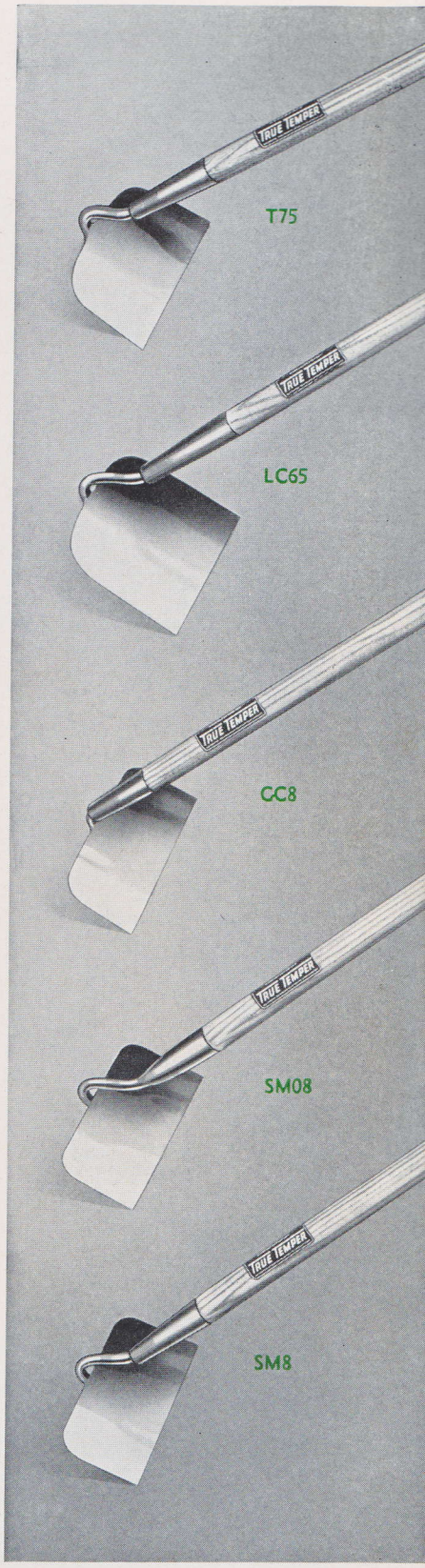
*Cotton and Blackland Hoes can be furnished in lower quality. See Panther Tools, pages 55-60

STUDY YOUR OWN MARKETS

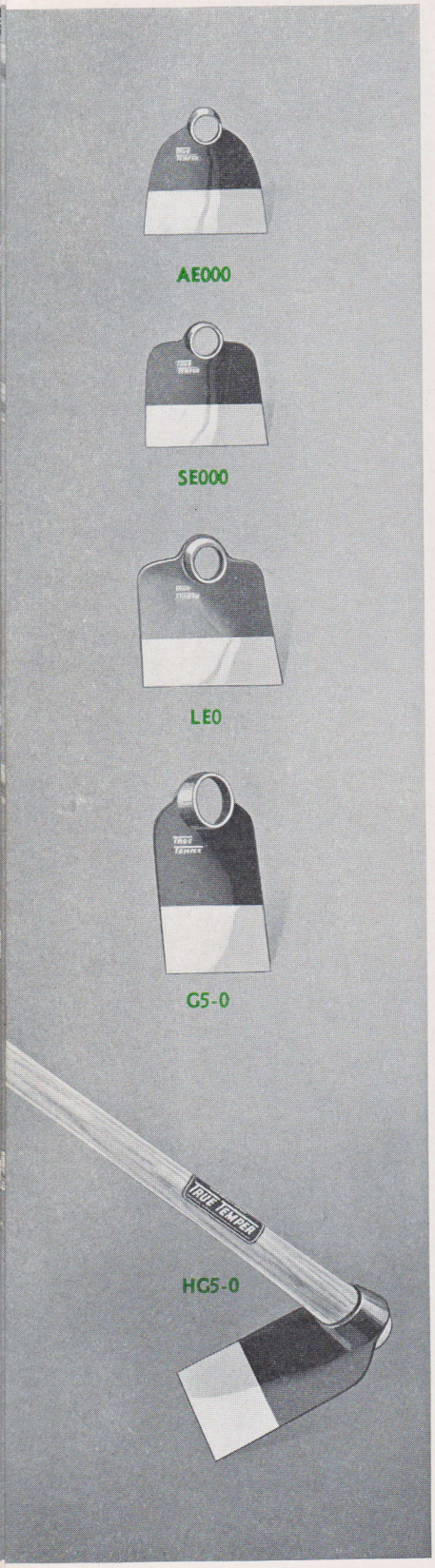
Consumer buying habits vary considerably in different localities. This of course affects the local demand for certain specific patterns or even for the type of tool. For instance, one region may insist on a much wider bladed hoe for cotton chopping than another because of the local belief that wider spaced cotton thrives best.

The experienced dealer is familiar with these habits in his community. The wise dealer pays careful attention to local requirements in stocking his line of tools and knows he can depend on True Temper to supply the exact item he needs.

If a dealer studies his own market and stocks a full line only of such types, sizes and patterns of tools as enjoy constant demand, he is a wise merchant. If he is further insured by the quality and coverage of True Temper, he is not only a wise merchant but a leader in his community.



The Cotton and Southern Meadow Hoes illustrated here are a part of the extensive line which we offer this market.



This plate illustrates a few standard patterns of long established True Temper Planter Eye Hoes.

PLANTER EYE HOES

TRUE TEMPER QUALITY

Each Forged and Drawn from One Solid Piece of Steel, Polished Bit
Balance of Blade Glossy Black

American Field Pattern—Without Handles

Catalog Number	Width of Cut	Depth of Blade	Approximate Weight per Dozen
AE000	6 in.	6 in.	15 lbs.
AE00	6½ "	6¼ "	16 "
AE0	7 "	6½ "	18 "
AE1	7½ "	6¾ "	19 "
AE2	8 "	7 "	21 "
AE3	8½ "	7¼ "	22 "
AE4	9 "	7½ "	23 "
AE5	9½ "	7¾ "	26 "
AE6	10 "	8 "	29 "

Scovil Field Pattern—Without Handles

SE000	6 in.	5¾ in.	16 lbs.
SE00	6½ "	6 "	17 "
SE0	7 "	6¼ "	19 "
SE1	7½ "	6½ "	21 "
SE2	8 "	6¾ "	23 "
SE3	8½ "	7 "	24 "
SE4	9 "	7¼ "	26 "
SE5	9½ "	7½ "	28 "
SE6	10 "	7¾ "	31 "

Lane's Lyndon Pattern—Without Handles
Curved Blades

LE0	7 in.	6¼ in.	18 lbs.
LE1	7½ "	6½ "	19 "
LE2	8 "	6¾ "	21 "

GRUB OR SPROUTING EYE HOES

TRUE TEMPER QUALITY

Each Forged and Drawn from One Solid Piece of Steel, Polished Bit
Balance of Blade Glossy Black

Without Handles

Complete Tool No.	Width of Cut	Depth of Blade	Approximate Weight per Dozen
G7-0	4 in.	7½ in.	18 lbs.
G6-0	4½ "	7¾ "	19 "
G5-0	5 "	8 "	21 "

Fitted to 4½ ft. Handles

			App. Wt. per Doz.	Right Repair Handle No.
HG7-0	4 in.	7½ in.	38 lbs.	591
HG6-0	4½ "	7¾ "	39 "	591
HG5-0	5 "	8 "	41 "	591

This pattern of hoe blades is one of the earliest used in this country. Brought here from Europe, these were heavy, crudely made blades provided with a loop or eye to which could be fitted handles cut from virgin forest and roughly shaped. Still in extensive demand in many sections of this country, chiefly in the South, they have, of course, undergone extensive change and refinement. Made in True Temper Quality, they are today fine tools meeting the requirements of a varied market. These hoes are usually furnished without handles.

Eye Hoes without handles are individually wrapped and packed in barrels.
Packed in cases and bundled in burlap at a slight additional charge.

STUDY THE PRODUCTS YOU SELL

The more a merchant knows about his line, the better equipped he is to recommend its items authoritatively. We do not ask or expect you to take True Temper for granted.

Every claim put forward as to the unique merit of these tools is substantiated. We cheerfully invite every member of our very large distributing organization to satisfy himself on this score. We want him to do so because we know it will result in increased business for him and for us.

Therefore, if there is the slightest doubt in your mind that True Temper Products lead the field and set the standard for fine tools, it is really no more than good business practice to examine the facts. Having done that, we are content to leave the results to your own conclusions.

PLANTER EYE HOES

TRUE TEMPER QUALITY

Each Forged and Drawn from One Solid Piece of Steel, Polished Bit
Balance of Blade Natural Finish
Without Handles

Giant Sprouting Pattern

Catalog Number	Width of Cut	Depth of Blade	Approximate Weight per Dozen
S1	4¼ in.	8½ in.	21 lbs.

Giant Cane Pattern

C1	4½ in.	8 in.	17 lbs.

Giant Hilling Pattern

H1	6 in.	8 in.	22 lbs.

Giant Field Pattern

GF1	7½ in.	7¾ in.	24 lbs.

GERMAN SQUARE EYE HANDLED HOES

TRUE TEMPER QUALITY

Blue Enameled Blades—Each Forged and Drawn from One Solid Piece of Steel
Handles Fitted to "D" Shaped or Square Eyes

Field Pattern

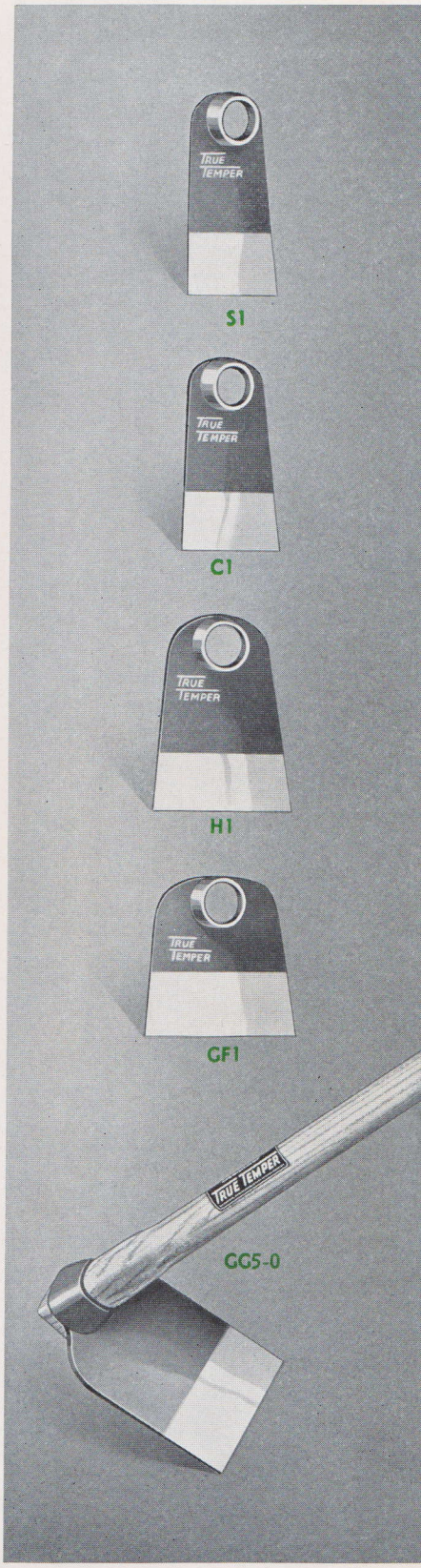
Complete Tool No.	Width of Cut	Depth of Blade	Length of Handle	App. Weight per Dozen	Right Repair Handle No.
GE7-0	4 in.	6 in.	4½ ft.	25 lbs.	585
GE6-0	4½ "	6 "	4½ "	26 "	585
GE5-0	5 "	6 "	4½ "	26 "	585
GE4-0	5½ "	6 "	4½ "	27 "	585
GE3-0	6 "	6 "	4½ "	28 "	585
GE2-0	6½ "	6½ "	4½ "	29 "	585
GE0	7 "	6½ "	4½ "	30 "	585
GE1	7½ "	6¾ "	4½ "	35 "	587
GE2	8 "	7¼ "	4½ "	37 "	587

Grub or Sprouting Pattern

GG7-0	4 in.	7⅜ in.	4 ft.	32 lbs.	588
GG6-0	4½ "	7⅜ "	4 "	34 "	588
GG5-0	5 "	7⅜ "	4 "	36 "	588

Heavy hoe blades of this type with forged eyes and handles are purchased in considerable quantities by southern and South American planters. There have been many styles and types developed but those illustrated here cover the general requirements very completely. The German Square Eye Handled Hoe is, as indicated, sold with the fitted handle and is one exception to the standard practice of supplying these blades without handles.

Eye Hoes without handles are individually wrapped and packed in barrels.
Packed in cases and bundled in burlap at a slight additional charge.



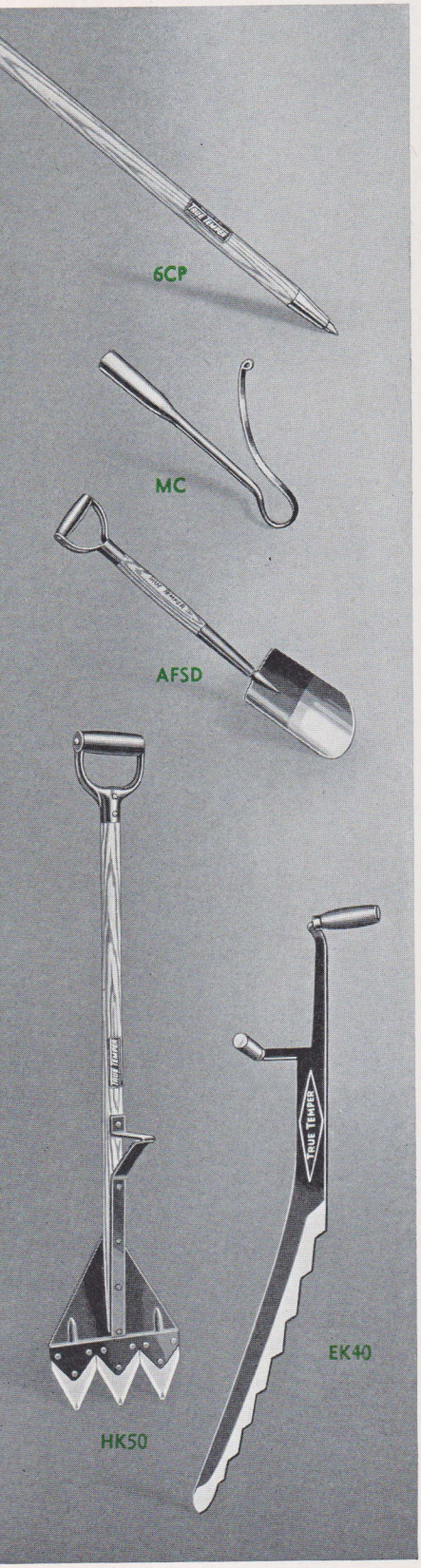
Another group of Planters' Eye Hoes, all of which are offered only in True Temper Quality.

LEARN HOW TRUE TEMPER IS MADE

Of course we invite you to go through the factory, anytime, anywhere. You will always be welcome and we'll guarantee that you'll sell more tools afterward.

Unfortunately it isn't possible for everyone to accept the invitation. Therefore, at the beginning of this and the other sections of the catalog, we offer a pictorial review of the high spots in the manufacturing operations for different tools.

We have presented this matter simply and without ballyhoo, feeling that you are entitled to and interested in the untrimmed facts about True Temper Tools and how they are made.



True Temper Steel Goods includes this miscellaneous group of tools for various uses.

CATTLE PRODS

TRUE TEMPER QUALITY

Complete Tool No.	6 ft. Handles—Long Plain Ferrules	Right Repair Handle No.
6CP	Forged Steel Prod	766

There is a very good demand for these tools among stock men and packing houses in every section of the country.

MONTANA SHEPHERD CROOKS

MC Montana Shepherd Crook, All Steel, Full Polished. Packed in wooden boxes containing four dozen each.

These are standard tools used by herdsmen to catch straying sheep. Butchers and stockmen use them for selecting sheep from the pen or herd. Although they are usually sold without handles, we are prepared to furnish them with 8 ft. handles upon request.

AUTO AND OUTING SPADES

TRUE TEMPER QUALITY

Steel D-Top Handles

AFSD Length over all about 23 in. Forged Steel Blade 5 in. wide, 7½ in. long. JL Steel D-Top . . 832

Here is a tool that has proved a life saver more than once for motorists and campers. It is short, compact and very strong. It occasionally comes in mighty handy in mud or snow. It is also a fine tool for digging bait, ferns, and wild flowers on holiday trips and is useful in many ways around the yard.

HEATH PATTERN HAY KNIVES

TRUE TEMPER QUALITY

I-D-L Steel D-Tops

HK50 Cutting sections hardened and tempered, edges bevelled and sharpened, forged steel plates and steps, I-D-L Steel D-Top Handle, Length Overall 44 in.

The Heath Pattern has blades of high grade steel, hardened and tempered, riveted to a heavy forged steel plate to which is attached a step for foot pressure, the edges of the knives are bevelled and sharpened. These tools are also used for cutting sod in irrigation ditches.

ELECTRIC HAY KNIVES

TRUE TEMPER QUALITY

"Lightning" Pattern

Packed in boxes of one dozen each.

EK40 Convex, Curved Blades with Shank and Blade forged from one piece of High Grade Steel. Cutting edges carefully ground and sharpened. Length 36 in.

The Electric Pattern Hay Knife is an old standby, a favorite for cutting hay or straw from a stack or mow. Cutting edges are ground, sharpened, polished. The grips are of hardwood, sanded and polished.

A ROUNDED OUT LINE

There is a great deal of satisfaction to the dealer in knowing that the line of tools he carries is complete to the last detail. The True Temper line of steel goods offers these miscellaneous items to complete a full coverage of every possible market to which steel goods are sold.

These tools are all of True Temper Quality, maintaining the highest standard of material, design and construction. They are items with a substantial demand where appreciation of value again justifies a slight premium in price.

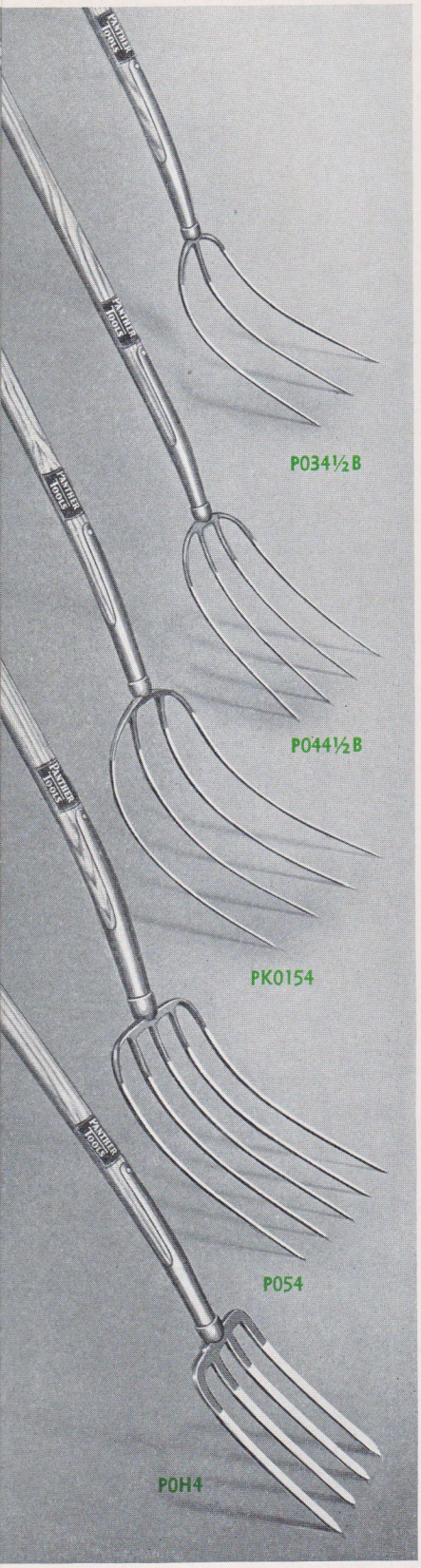
PANTHER GRADE TOOLS

IN SOME communities there are users of hand farm and garden tools who are compelled to buy their tools from the standpoint of price only. To meet this demand we have selected some of the more commonly used tools and are offering a strictly "price line" of these items under the "PANTHER GRADE"

The heads of these tools are forged or rolled in a similar manner to our better grade tools from high quality steel. The forgings are polished and finished to make a satisfactory usable tool but many of the refinements on which we pride ourselves in our better grade tools are omitted. The handles are of lower quality but are smoothly sanded and the unpolished parts of the heads as well as the ferrules are attractively finished with bronze or lacquer.

Panther Tools are tied in one-dozen bundles, with the exception of spading forks, header forks, 5 and 6 tine manure forks, which are tied in bundles of one-half dozen each.

Panther Tools are expected to give good service considering the price at which they are sold, but are not guaranteed and are not subject to any adjustment or return.



This group illustrates our very complete line of Panther Grade Forks.

THREE TINE HAY FORKS
PANTHER QUALITY
12 in. Oval Tines

Complete Tool No.	Description	Right Repair Handle No.
P034	Strap Ferrule, 4 ft. Straight Handle	291P
P034½	" " 4½ " " "	294P
P035	" " 5 " " "	297P
P035½	" " 5½ " " "	300P
P036	" " 6 " " "	303P
P034B	" " 4 " Bent "	327P
P034½B	" " 4½ " " "	330P
P035B	" " 5 " " "	333P
P035½B	" " 5½ " " "	336P
P036B	" " 6 " " "	339P

LONG THREE TINE HAY FORKS
PANTHER QUALITY
13 in. Oval Tines

P0133½B	Strap Ferrule, 3½ ft. Bent Handle	320P
P0134B	" " 4 " " "	327P
P0134½B	" " 4½ " " "	330P

FOUR TINE HAY FORKS
PANTHER QUALITY
12 in. Oval Tines

P44B	Plain Ferrule, 4 ft. Bent Handle	258P
P44½B	" " 4½ " " "	261P
P45B	" " 5 " " "	264P
P044B	Strap " 4 " " "	327P
P044½B	" " 4½ " " "	330P
P045B	" " 5 " " "	333P

FOUR TINE ROUND SHOULDER HEADER FORKS
PANTHER QUALITY
15 in. Oval Tines

PR0154	Strap Ferrule, 4 ft. Bent Handle	347P
PR0154½	" " 4½ " " "	350P
PR0155	" " 5 " " "	353P

FOUR TINE KANSAS HEADER FORKS
PANTHER QUALITY
15 in. Oval Tines

PK0154	Strap Ferrule, 4 ft. Bent Handle	347P
PK0154½	" " 4½ " " "	350P
PK0155	" " 5 " " "	353P

FOUR TINE MANURE FORKS
PANTHER QUALITY

P044	Strap Ferrule, 4 ft. Bent Handle	400P
P044½	" " 4½ " " "	403P
P04D	" " Steel D-Top	409P

FIVE TINE MANURE FORKS
PANTHER QUALITY

P054	Strap Ferrule, 4 ft. Bent Handle	400P
P054½	" " 4½ " " "	403P
P05D	" " Steel D-Top	409P

SIX TINE MANURE FORKS
PANTHER QUALITY

P064	Strap Ferrule, 4 ft. Bent Handle	400P
P064½	" " 4½ " " "	403P
P06D	" " Steel D-Top	409P

FOUR TINE SPADING FORKS
PANTHER QUALITY
Heavy Tines

P0H4	Strap Ferrule, 4 ft. Bent Handle	425P
P0HD	" " Steel D-Top	434P

Light Tines

P0L4	Strap Ferrule, 4 ft. Bent Handle	425P
P0LD	" " Steel D-Top	428P

ROUND BOW STEEL GARDEN RAKES

PANTHER QUALITY

Curved Teeth

Plain Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
PB12	Twelve	3 1/4 in.	1/4 in.	12 in.	5 ft.	506P
PB14	Fourteen	3 1/4 "	1/4 "	14 "	5 "	506P
PB16	Sixteen	3 1/4 "	1/4 "	16 "	5 "	506P

SQUARE BOW STEEL GARDEN RAKES

PANTHER QUALITY

Straight Teeth

Plain Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
PSB12	Twelve	2 13/16 in.	1/4 in.	11 3/4 in.	5 ft.	512P
PSB14	Fourteen	2 13/16 "	1/4 "	14 "	5 "	512P
PSB16	Sixteen	2 13/16 "	1/4 "	16 "	5 "	512P

LIGHT BRACED SHANK STEEL GARDEN RAKES

PANTHER QUALITY

Straight Teeth

Plain Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
P12B	Twelve	2 7/8 in.	3/16 in.	11 3/4 in.	5 ft.	511P
P14B	Fourteen	2 7/8 "	3/16 "	14 "	5 "	511P
P16B	Sixteen	2 7/8 "	3/16 "	16 "	5 "	511P

LEVEL HEAD STEEL GARDEN RAKES

PANTHER QUALITY

Straight Teeth

Plain Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
P10	Ten	3 1/4 in.	1/4 in.	10 1/2 in.	5 1/2 ft.	518P
P12	Twelve	3 1/4 "	1/4 "	12 1/2 "	5 1/2 "	518P
P14	Fourteen	3 1/4 "	1/4 "	14 1/2 "	5 1/2 "	518P
P16	Sixteen	3 1/4 "	1/4 "	16 3/4 "	5 1/2 "	518P

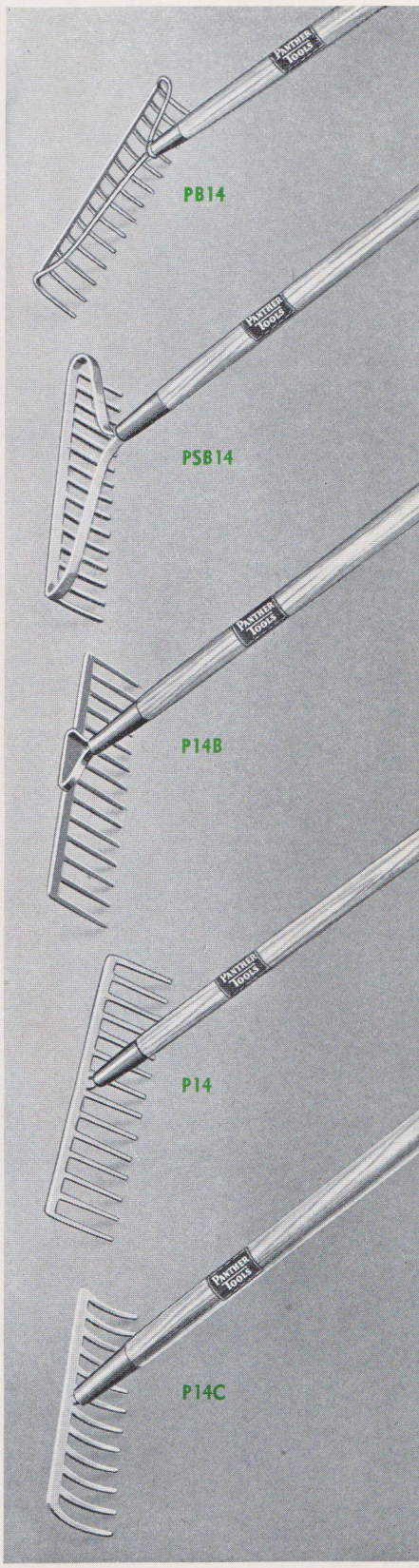
LIGHT LEVEL HEAD STEEL GARDEN RAKES

PANTHER QUALITY

Straight Teeth

Plain Ferrules

Complete Tool No.	Number of Teeth	Depth of Head	Thickness of Head	Width of Head	Length of Handle	Right Repair Handle No.
PL12	Twelve	2 3/4 in.	1/4 in.	11 3/4 in.	5 ft.	513P
PL14	Fourteen	2 3/4 "	1/4 "	14 "	5 "	513P
PL16	Sixteen	2 3/4 "	1/4 "	16 "	5 "	513P
			Curved Teeth			
P12C	Twelve	2 3/4 in.	1/4 in.	11 3/4 in.	5 ft.	513P
P14C	Fourteen	2 3/4 "	1/4 "	14 "	5 "	513P
P16C	Sixteen	2 3/4 "	1/4 "	16 "	5 "	513P



In the Panther Grade we also offer a broad line of rakes as shown here.

The Nurserymen's Field and Garden Hoes and Sidewalk Cleaner here are illustrative of our extensive line of general purpose tools in this grade.

SQUARE TOP NURSERYMEN'S OR BEET HOES

PANTHER QUALITY

Shank Pattern—Plain Ferrules

Complete Tool No.	Description	Right Repair Handle No.
PN6	6 in. Blade, 4⅓ ft. Handle	616P
PN6½	6½ " " 4⅓ " "	616P
PN7	7 " " 4⅓ " "	616P
PN7½	7½ " " 4⅓ " "	616P
PN8	8 " " 4⅓ " "	616P
PNA	Assorted Blade Widths, 4⅓ ft. Handles	616P

Socket Pattern

PN06	6 in. Blade, 4 ft. Handle	628P
PN06½	6½ " " 4 " "	628P
PN07	7 " " 4 " "	628P
PN07½	7½ " " 4 " "	628P
PN08	8 " " 4 " "	628P
PN0A	Assorted Blade Widths, 4 ft. Handles	628P

FIELD AND GARDEN HOES

PANTHER QUALITY

Shank Pattern—Plain Ferrules

PG6	6 in. Blade, 4⅓ ft. Handle	616P
PG6½	6½ " " 4⅓ " "	616P
PG7	7 " " 4⅓ " "	616P
PG7½	7½ " " 4⅓ " "	616P
PG8	8 " " 4⅓ " "	616P
PGA	Assorted Blade Widths, 4⅓ ft. Handles	616P

Socket Pattern

PG06	6 in. Blade, 4 ft. Handle	628P
PG06½	6½ " " 4 " "	628P
PG07	7 " " 4 " "	628P
PG07½	7½ " " 4 " "	628P
PG08	8 " " 4 " "	628P
PG0A	Assorted Blade Widths, 4 ft. Handles	628P

HUMMER GARDEN HOES*

PANTHER QUALITY

Shank Pattern—Plain Ferrules

PR6	6 in. Blade, 4 ft. Handle, Natural Finish Blade	614P
PR6½	6½ " " 4 " " " " "	614P
PR7	7 " " 4 " " " " "	614P
PR7½	7½ " " 4 " " " " "	614P
PRA	Assorted Blade Widths, 4 ft. Handles " " "	614P

HUMMER GARDEN HOES*

PANTHER QUALITY

Socket Pattern

PR06	6 in. Blade, 4 ft. Handle, Natural Finish Blade	629P
PR06½	6½ " " 4 " " " " "	629P
PR07	7 " " 4 " " " " "	629P
PR07½	7½ " " 4 " " " " "	629P
PR0A	Assorted Blade Widths, 4 ft. Handles " " "	629P

RIVETED BRIGHT SHEET STEEL HOES

PANTHER QUALITY

Bright Cold Rolled Steel Blades Riveted to Malleable Iron Shanks or Sockets

Shank Pattern—Plain Ferrules

PRSS7	7 in. Blade, 4 ft. Handle	613P

Socket Pattern

PRSS07	7 in. Blade, 4 ft. Handle	626P

SIDEWALK CLEANERS

PANTHER QUALITY

Shank Pattern—Plain Ferrules

PZ7	Forged Steel Blade, 7 in. Wide, 4¼ in. Deep	792P

*Hummer Garden Hoes can be furnished with one-wheel polished blades and 4⅓ ft. handles at extra cost.

REGULAR GOOSE NECK SHANK PLANTER HOES

PANTHER QUALITY

Shanks about 5/8 in. Diameter, Bright Finished Blades

Complete Tool No.	Description	Right Repair Handle No.
PP54½	5 in. Blade, 4½ ft. Handle	635P
PP64½	6 " " 4½ " "	635P
PP6½4½	6½ " " 4½ " "	635P
PP65	6 " " 5 " "	638P
PP6½5	6½ " " 5 " "	638P
PP75	7 " " 5 " "	638P
PP7½5	7½ " " 5 " "	638P
PP85	8 " " 5 " "	638P

STRAIGHT SHANK PLANTER HOES

PANTHER QUALITY

Shanks about 5/8 in. Diameter, Bright Finished Blades

PSP64½	6 in. Blade, 4½ ft. Handle	635P
PSP6½5	6½ " " 5 " "	638P
PSP75	7 " " 5 " "	638P
PSP7½5	7½ " " 5 " "	638P
PSP85	8 " " 5 " "	638P

REGULAR GOOSE NECK SHANK COTTON HOES

PANTHER QUALITY

Shanks about ½ in. Diameter, Bright Finished Blades

PC54½	5 in. Blade, 4½ ft. Handle	674P
PC55	5 " " 5 " "	677P
PC64½	6 " " 4½ " "	674P
PC65	6 " " 5 " "	677P
PC6½4½	6½ " " 4½ " "	674P
PC6½5	6½ " " 5 " "	677P
PC75	7 " " 5 " "	677P
PC7½5	7½ " " 5 " "	677P
PC85	8 " " 5 " "	677P

STRAIGHT SHANK COTTON HOES

PANTHER QUALITY

Similar in Design to PSP75 Illustrated

Shanks about ½ in. Diameter, Bright Finished Blades

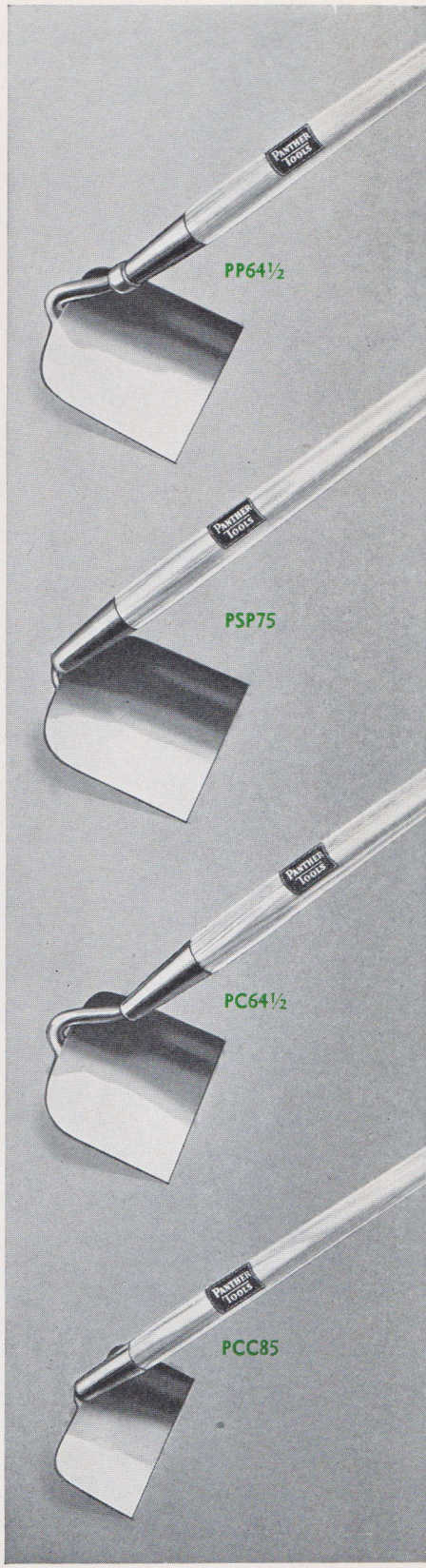
PSC6½4½	6½ in. Blade, 4½ ft. Handle	674P
PSC6½5	6½ " " 5 " "	677P
PSC75	7 " " 5 " "	677P
PSC7½5	7½ " " 5 " "	677P
PSC85	8 " " 5 " "	677P

SHANK COTTON CHOPPER HOES

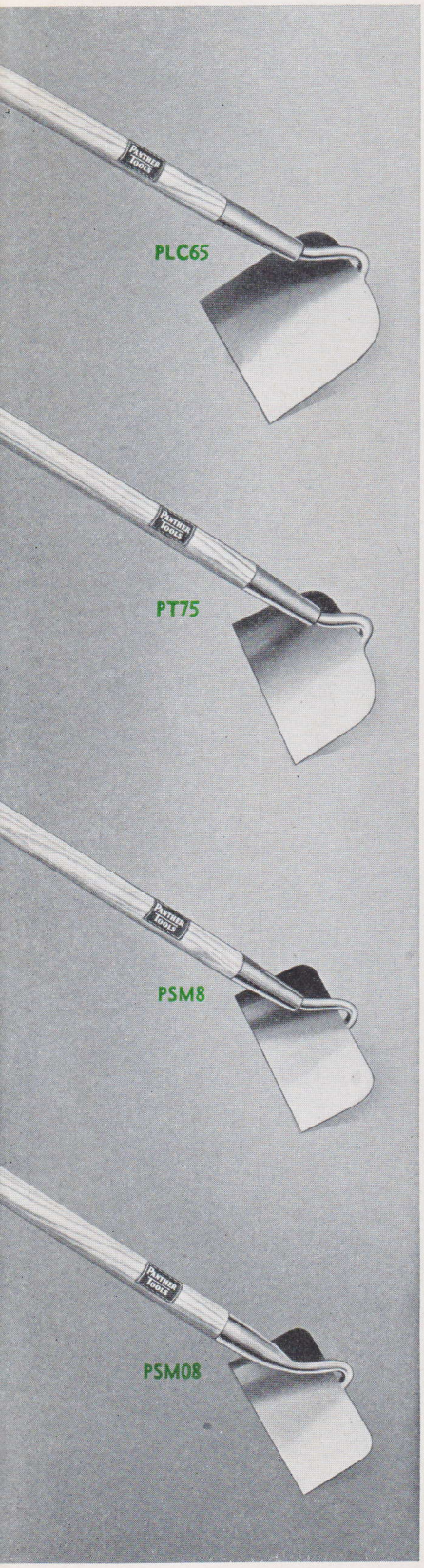
PANTHER QUALITY

Bright Finished Blades Not Exceeding 4 in. Depth

PCC75	7 in. Blade, 5 ft. Handle	701P
PCC7½5	7½ " " 5 " "	701P
PCC85	8 " " 5 " "	701P
PCC95	9 " " 5 " "	701P
PCC105	10 " " 5 " "	701P



These hoes belong to our Panther Grade Line of Southern Hoes.



These Cotton Blackland Hoes are also a part of our extensive Southern Hoe Line in the Panther Grade.

LIGHT GOOSE NECK SHANK COTTON HOES

PANTHER QUALITY

Shanks about 7/16 in. Diameter, Bright Finished Blades

Complete Tool No.	Description	Right Repair Handle No.
PLC64½	6 in. Blade, 4½ ft. Handle	692P
PLC65	6 " " 5 " "	695P
PLC6½4½	6½ " " 4½ " "	692P
PLC6½5	6½ " " 5 " "	695P
PLC75	7 " " 5 " "	695P
PLC7½5	7½ " " 5 " "	695P
PLC85	8 " " 5 " "	695P

Field Trim

PLC65	6 in. Blade, 5 ft. Handle	695P
PLC6½5	6½ " " 5 " "	695P
PLC75	7 " " 5 " "	695P
PLC7½5	7½ " " 5 " "	695P
PLC85	8 " " 5 " "	695P

TEXAS SHANK PATTERN COTTON HOES

PANTHER QUALITY

Shanks about ½ in. Diameter, Bright Finished Blades

PT65	6 in. Blade, 5 ft. Handle	677P
PT6½5	6½ " " 5 " "	677P
PT75	7 " " 5 " "	677P
PT7½5	7½ " " 5 " "	677P
PT85	8 " " 5 " "	677P
PT95	9 " " 5 " "	677P
PT105	10 " " 5 " "	677P

SHANK PATTERN BLACKLAND HOES

PANTHER QUALITY

Shanks about 7/16 in. Diameter, Bright Finished Blades about 4 in. Deep

PSM7	7 in. Blade, 5 ft. Handle	722P
PSM8	8 " " 5 " "	722P
PSM9	9 " " 5 " "	722P
PSM10	10 " " 5 " "	722P

SOCKET PATTERN BLACKLAND HOES

PANTHER QUALITY

Bright Finished Blades about 4 in. Deep

PSM07	7 in. Blade, 5 ft. Handle	728P
PSM08	8 " " 5 " "	728P
PSM09	9 " " 5 " "	728P
PSM010	10 " " 5 " "	728P

THE "COMET TOOL" LINE

The number of back yard gardeners who wish to buy inexpensive garden tools is considerable. In response to the request from many of our customers who desire to supply the requirements of this market, we offer these items under the brand name "COMET TOOLS."

The tools in this line are manufactured on a quantity production basis and are not the given the finish of our better grade tools, neither do they measure up in materials and the refinements which mark the higher quality brands. They are definitely a price line and are not guaranteed.

While we do not recommend them and offer them only to customers who insist upon purchasing low price garden tools, they are serviceable, as good as any of similar grade on the market and generally better than many which sell at a corresponding price.

COMET FOUR-TINE SPADING FORKS

Four Light Tines, Tumbled

Straight Handles—Strap Ferrules

Complete Tool No.		Right Repair Handle No.
CGF	Four 9¾ in. Tines, Strap Ferrule, 30 in. Steel D-Handle with Bend or Concave in Tines for Straight Handle	452

COMET GARDEN RAKES

Pressed Steel Sockets Riveted to Ribbed Steel Heads

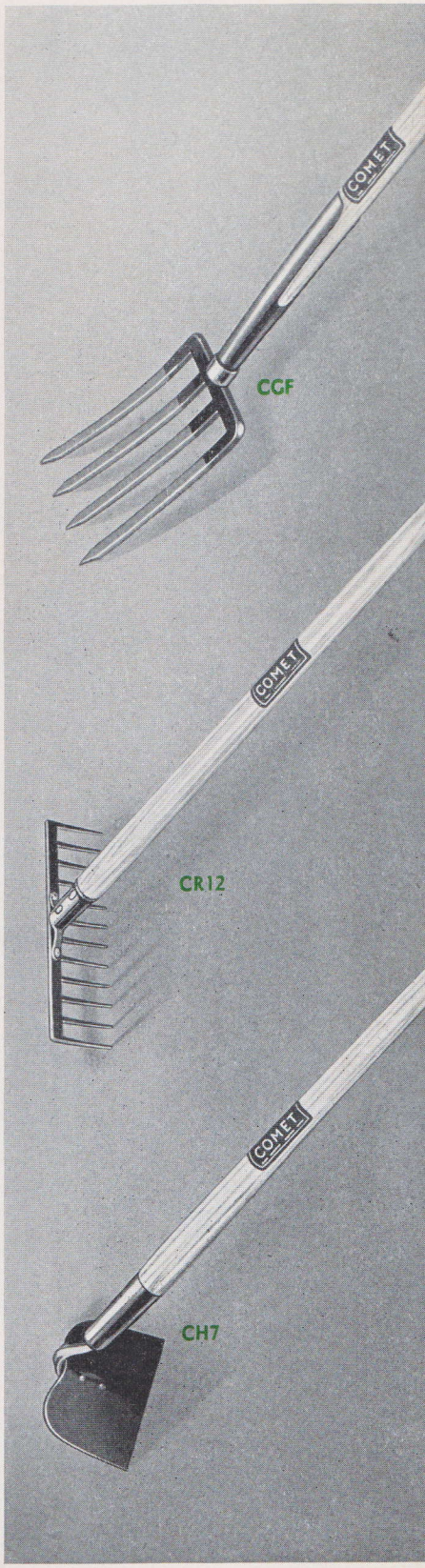
Five Foot Handles

CR12	Twelve Straight Teeth—Width of Head 11⅛ in.	527
CR14	Fourteen " " " " " 14 "	527

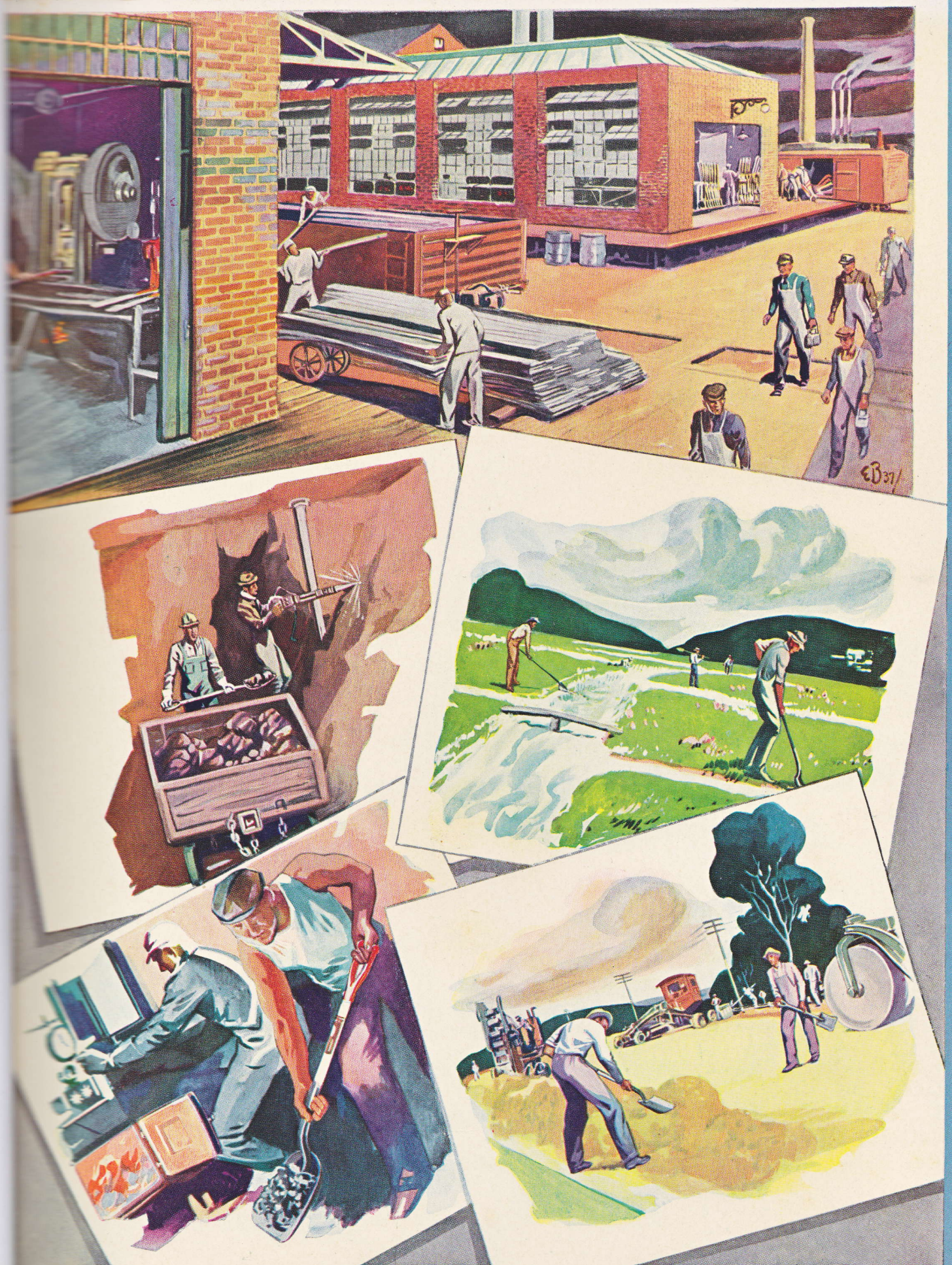
COMET SHANK PATTERN HOES

Sheet Steel Blades Riveted to Diamond-Shaped Steel Shanks

CH7	Shank Pattern—7 in. Blade—4 ft. Handle	618



Here are three serviceable tools offered the home gardener at a very low price. These tools are illustrated under the Comet Grade.



SHOVELS

TRUE TEMPER sets the standards for High Quality in Hand Shovels and offers a complete line with which to meet the requirements of the Industrial, Agricultural and Home Markets.

BURNED into the handle of each Grade A and Grade B Shovel, Spade or Scoop is the factory brand and the words TRUE TEMPER.

Factory Brands Used on Shovels, Spades and Scoops

One-Piece Solid Shank Shovels and Spades

Skelton Works	*Grade*		*Conneaut Works*
Bulldog Brand	TRUE TEMPER	Grade A	Mastiff Brand
Fox Brand	" "	Grade B	Wolf Brand
Bantam Brand	" "	Grade B	Gamecock Brand
Badger Brand	Carbon Steel	Grade C	Badger Brand

Plain Back and Hollow Back Shovels, Spades and Scoops

Skelton Special	TRUE TEMPER	Grade Deluxe	Conneaut Special
Keystone Brand	" "	Grade A	Diamond Brand
Crescent Brand	" "	Grade B	Star Brand
Imperator Brand	Carbon Steel	Grade C	Empire Brand
Parrot Brand	" "	Special Grade	Parrot Brand

Important Facts About Shovels, Spades and Scoops

Finish and Design

The List Numbers shown in this catalog apply on Shovels, Spades and Scoops with Black Finish Blades.

For other than Black Finish, refer to the Standard Price List.

All Shovels and Scoops except Breakdown and Gravel Scoops, are regularly furnished without steps. All Spades are furnished with steps as standard equipment. Shovels can be supplied with steps if desired at standard extra cost and orders requiring steps must read accordingly.

All Shovels, Spades and Scoops are furnished with Standard Lifts as shown in the catalog. Where Special Lifts are desired orders must specify the exact measurements of each lift. Page 67 in this catalog illustrates the method of measuring lifts.

Material and Heat Treating

While we are prepared to supply any "A" Grade Shovel, Spade or Scoop illustrated in this catalog with Alloy Steel or Molybdenum Steel Blades at additional cost, we do not list this grade because repeated long service tests with our True Temper Quality tools have proved them equally durable in service. Prices on Alloy or Molybdenum Grade Tools will be furnished promptly upon request.

Each "A" and "B" Grade Shovel, Spade or Scoop is furnished with a True Temper Heat Treated Blade. This also applies to all Alloy Steel Types. It does not apply to the "C" Grade or Lower Quality Lines which are not heat treated.

Guarantee

All "A" and "B" Grade Shovels, Spades and Scoops are fully guaranteed against defects in material and workmanship. All Alloy Steel Shovels, Spades and Scoops are also guaranteed.

"C" Grade or Lower Quality Shovels, Spades and Scoops are sold at prices which do not justify their replacement.

Right Repair Handles

Since Repair Handles make up a profitable line for all Jobbers and Dealers in Shovels, Spades and Scoops it is important that emphasis be placed on Right Repair Handles.

To facilitate ordering we have listed the Right Repair Handle Number opposite the Complete Tool Number for each item.

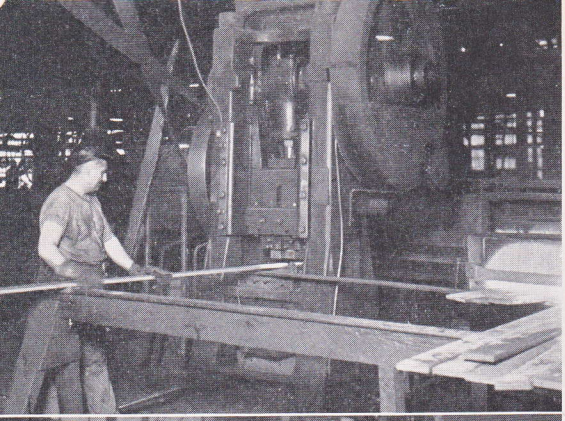
When these numbers are used we will supply the same grade, size, shape and finish as originally furnished with the tool and each handle will carry its own factory brand and will be supplied by the factory making the original tool.

Full listing of Repair Handles will be found in the Handle Section of this Catalog, Pages 195 to 213.

Packing

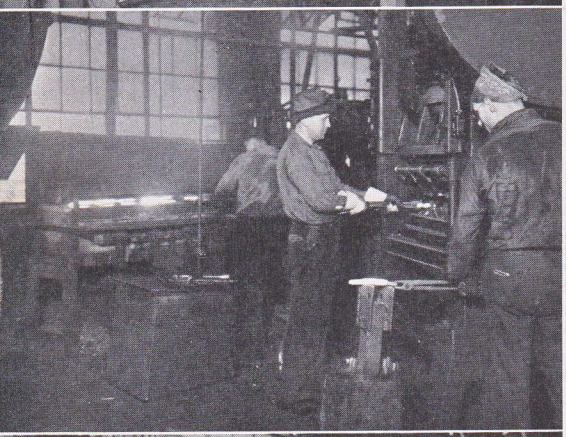
Unless otherwise specified all Shovels, Spades and Scoops will be put up in one-half dozen bundles. If full paper or burlap wrapping is desired it can be so supplied at regulation standard extra charges as indicated on current price sheets.

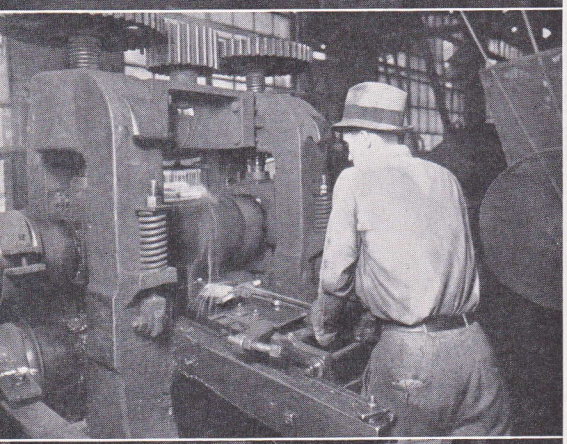
Skelton One-Piece



THE LINE FORMS HERE

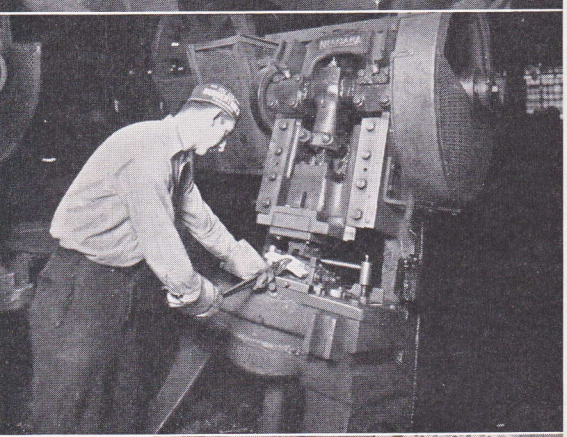
Long flat bars of special steel are first heated and then cut into pattern blanks like the one illustrated by Fig. 1 below.

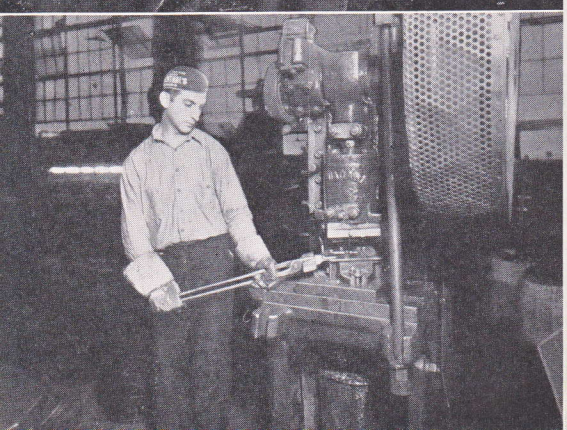




ROLLING THE SOCKET

Impact rolls spread the metal and roll it out pancake fashion as in Fig. 2, shaped to roughly conform to the outline of the socket before it is closed.





CUTTING AWAY EXCESS METAL

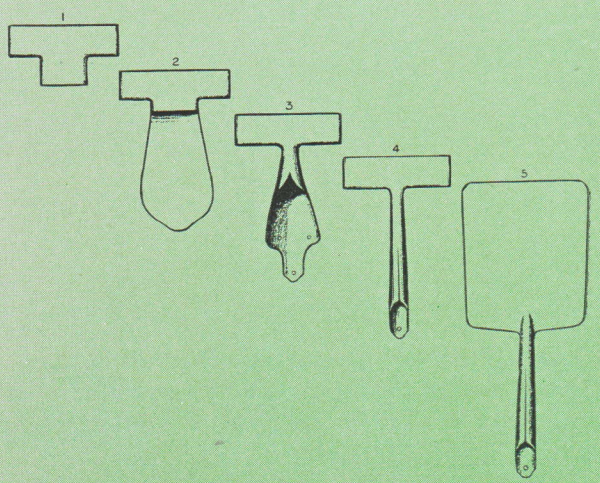
The flattened steel is placed in this press and trimmed by one stroke to the exact shape from which to form the socket and neck. While still in this flattened shape it is taken to a punch press which makes the three rivet holes required for the socket, as shown by Fig. 3.

The single minded persistence with which one man stuck to an idea through years of effort and in spite of opposition and obstacles has resulted in the finest hand shovel that the industry has ever produced.

Frederick Skelton was born to the shovel making trade in Sheffield, England, more than three quarters of a century ago. As was customary then, he became an apprentice in the family shop at an early age and during a time when shovels were made entirely by hand, hammered out and fashioned of iron on a blacksmith's anvil.

Apparently young Skelton was a wide-awake and observant lad, because very early in his career he recognized two typical functional weaknesses of shovels of that period and determined to do something about it. He set out to overcome, first, the tendency of the tool to split or break where the neck joined the blade and second, the awkwardness and unbalanced result of trying to prevent the break by increasing the bulk of metal at that point.

Traditions were strong and his first ideas of correction were frowned upon as the impractical dreams of youth. Nevertheless he persisted — first in England, then in Canada and the United States, where he finally won out. Meanwhile the advent of steel and its successive improvement together with development of mechanical forging equipment were in his favor. The result of his efforts is the now well-known



These figures illustrate successive stages in forging a Skelton One-Piece, Solid Shank, Socket Pattern Shovel.

Solid Shank Shovels

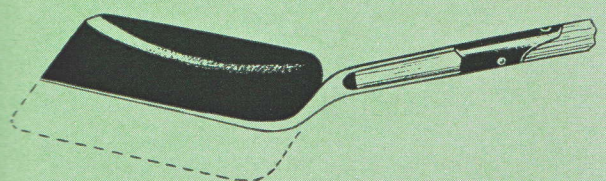
One-Piece Solid Shank Shovel which bears his name.

To fully appreciate the unique qualities of these fine shovels and spades, one must have had experience with their use or a knowledge of the way in which they are made. If it were possible every True Temper distributor should take at least one trip through the plant, and the invitation to do so is always open. Meanwhile we'll try to give you some of the high spots of the manufacturing processes and discuss the features upon which they bear.

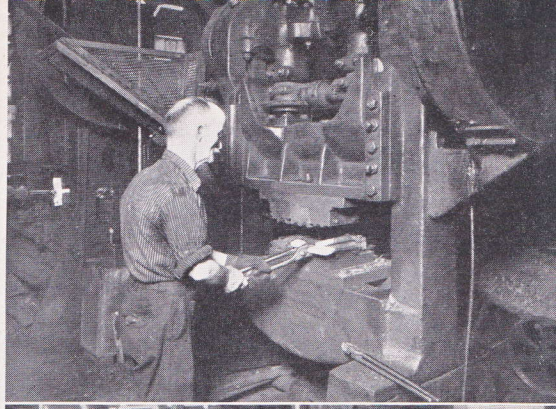
Material is of paramount importance and special steel of high Manganese content is used because of its workability and its durability in service. From the very first operation which is that of cutting a pattern from flat steel bars, every succeeding operation, except heat treating and tempering, is a forging process of some sort. Even the rolls used to flatten the shank and blade sections are impact rolls which strike a blow as they come in contact with the hot metal. This results in close molecular construction of the steel and increases its strength. Skelton One-Piece Shovels and Spades are noted for their strength.

Forging alone would not be sufficient were it not for the special process of heat treating to which every blade is subjected. This is a technically precise operation calling for pyrometer controlled temperatures and exact timing. When it is finished the steel has been brought to its final state of proper balance which means that it is hard without being brittle and is extremely tough.

Perhaps the most important feature of one of these tools is the design. Every Skelton

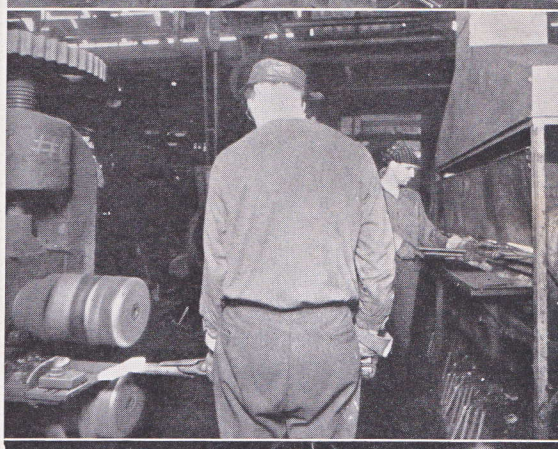


The cross section above shows the distribution of steel, particularly the even taper of the blade from neck to point. The cut away section of the neck demonstrates the deep set and firmly anchored position of the straight tapered handle.



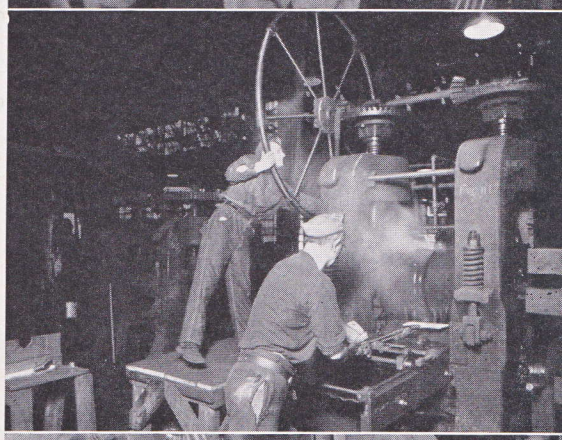
SHAPING THE NECK

This is really a series of operations involving two presses each equipped with special jigs, fixtures and dies. The flat metal is forged step by step into the solid round bar which forms the neck. These final stages are illustrated as a completed solid neck and socket by Fig. 4 on Page 64 and in cross section below.



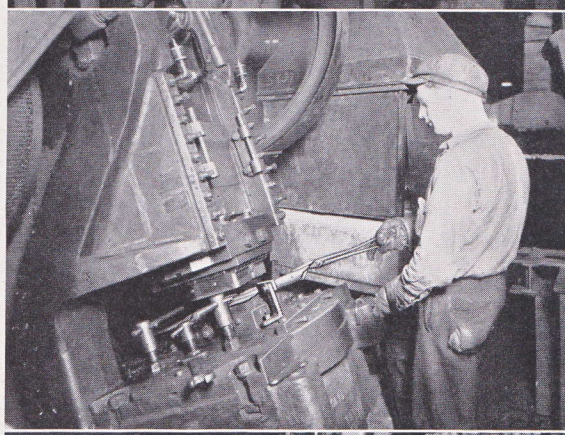
ROLLING OUT THE BLADE

More metal is involved here and the rolls are larger than those used for the socket. These are impact rolls which have special pressure control and a forging hammer effect on the steel. Fig. 5 on Page 64 shows the appearance of the blade directly following this operation.



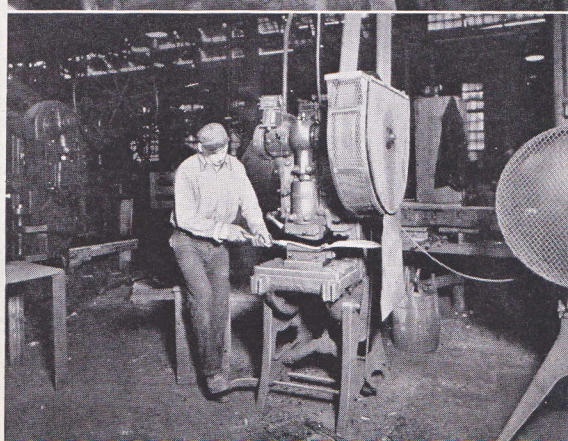
TRIMMING TO SIZE

When the metal for the blade has been spread out to proper thickness it is placed in this trimming press where one stroke of a cutting die trims off excess metal and gives the pattern the correct outline.

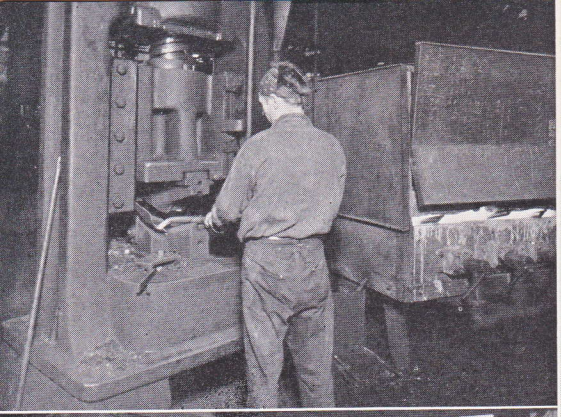


PUTTING IN THE LIFT

Lifts vary with different types of shovels and spades. Presses like this fitted with accurately shaped dies form the lift which is proper for each tool, see Page 67.

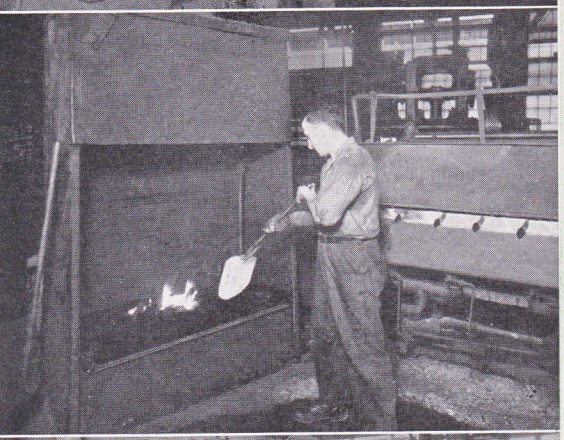


Skelton One-Piece



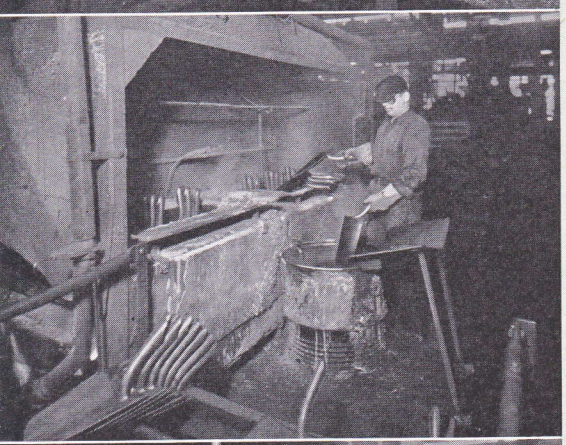
SHAPING THE BLADE

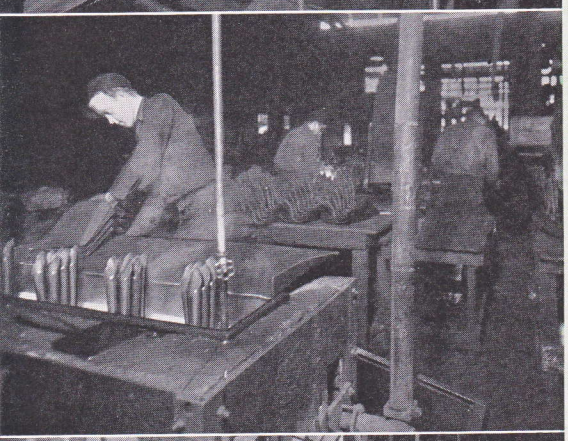
The final forging operation of blade, shank and socket is accomplished by a heavy press like this which is fitted with the exact forming dies required to give the blade its proper shape.



HEAT TREATING

What really happens at this point cannot very well be illustrated. The entire forging operation has tended to bring the metal in each shovel blade to a more and more homogenous texture but this alone is not enough for TRUE TEMPER Quality. The shovel blades are placed in special furnaces, heated to exact temperatures pyrometer controlled for definite time periods and then quenched. This first operation tends to make them too hard and brittle so they must be "drawn back" by further treatment to a point where hardness and toughness are in exact balance. This is known as normalizing.





SURFACE TREATING

Here is a special surface treatment which helps to prevent rapid oxidation and makes TRUE TEMPER Shovels more resistant to corrosion by rust while in storage.

A BATTERY OF GRINDING WHEELS

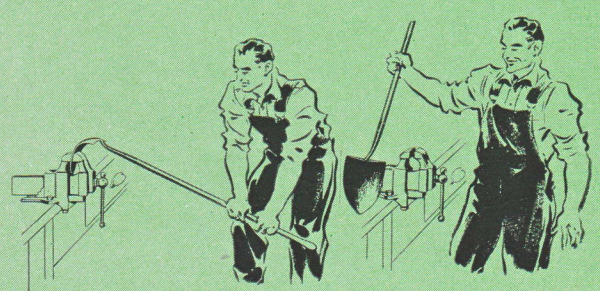
Here all rough spots are removed. If desired, blades, shanks and sockets can be given the proper special finish to make them self-scouring in service.

Shovel is made from one solid piece of bar steel, the original blank being shaped as indicated by Fig. 1 at the bottom of page 64. The vertical section is rolled out to form the socket (Figs. 2 and 3), then forged to form the neck (Figs. 3 and 4), and the horizontal section rolled out to form the blade (Fig. 5). Not only is the design itself one of extreme strength, but the successive forging operations all tend to improve the molecular structure of the steel, ultimately resulting in the strongest known type of shovel.

Another important feature of the design is the straight socket. This means that the bend or lift of the shovel is distributed between the neck and the blade. The tapered tip of the timber is driven deep into the socket and locked in place with two rivets. This straight type of handle is desirable for another reason; handles occasionally break and it is a very simple matter to rehandle one of these shovels. In fact it is the only type of shovel in which a really satisfactory rehandling job can be done without special machinery.

While we're on the subject of rehandling, it might be well to call attention to the SturdE Steel D Top which is used on short handled shovels and spades. This top is strong, roomy and comfortable for the grip. Like the straight shank, it helps make rehandling easier because it can be removed from the broken handle and fixed to the new stem.

All of the claims for special strength and durability have been repeatedly proved and demonstrated by methods well known to



Here is a demonstration frequently used to allay any doubts about these being the strongest known shovels on the market.

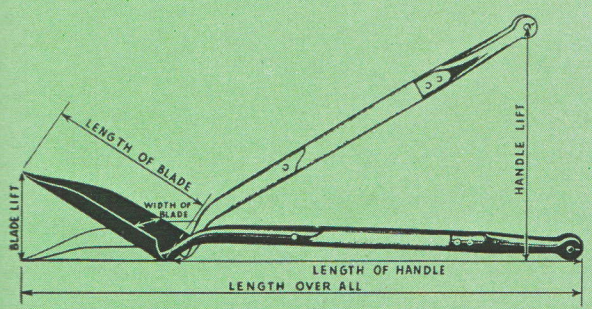
Solid Shank Shovels

industrial buyers. The most decisive demonstration test is that of placing the point of the blade in a vise and bending the shovel to ninety degrees or more, after which it will resume its original shape without the slightest evidence of bending, a test no ordinary shovel could survive.

We have shown how unusual strength and durability result from material treatment, design and construction methods, factors which also contribute to the fine balance of these tools and to the satisfaction of the workers who use them. Nothing has been said about appearance, a very important merchandising factor. The obvious finished condition of each external detail along with a touch of bright color to neck and handle make these the most attractive shovels on the market.

Quality standards deserve a word at this point. Skelton's success was due in no small measure to the fact that he was never satisfied with anything but the best. The high standards he set still rule. Each shovel or spade, as it passes from one operation to the next, is subjected to the most rigid tests and inspection. Only those that pass are branded TRUE TEMPER.

The fact that Skelton's realized dream has become the outstanding tool of the industry is no accident. It has proved its worth in practically every human activity where a hand shovel or a spade is required. True Temper is everywhere a recognized mark of high quality and Skelton One-Piece Solid Shank Shovels are True Temper to the last detail.



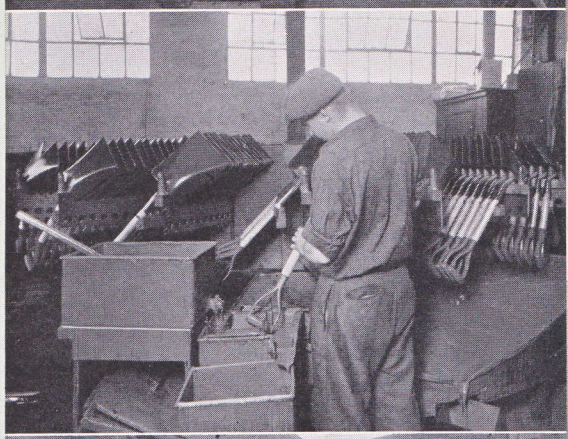
By following the indicated positions and making careful measurements along the lines described as "blade lift" and "handle lift" it is a simple matter to determine standard or special lift dimensions.

FITTING THE SturdE D HANDLES

All solid shank shovel handles have straight tapered ends and no cutting away for shoulders, a design which preserves the full strength of the timber. They are set in the sockets and by pressure on a machine like this are forced down to the bottom and into contact with the solid metal of the shank and then riveted. TRUE TEMPER handles do not work loose.

DRESSING THEM UP

By means of specially cut masks the shanks and sockets are given a decorative touch with color in these spray booths. D Tops are dipped and the resulting appearance is attractive and of considerable aid to merchandising display.

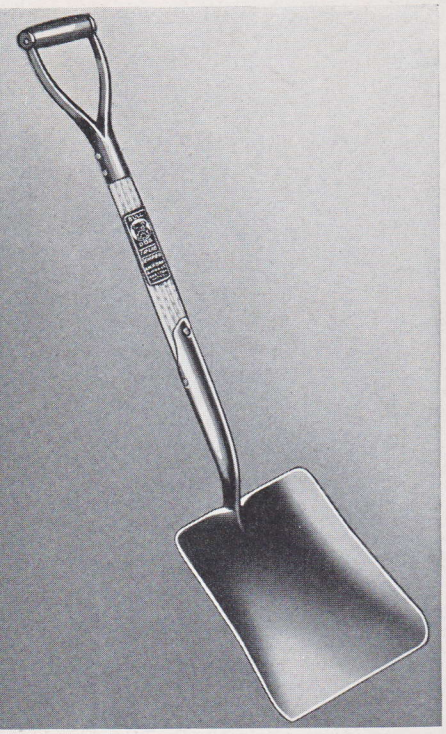


READY FOR SHIPMENT

This corner of the shipping room shows all kinds and varieties of shovels and spades ready for the market. Each handle has a burned-in label which identifies the factory brand and whether or not it is TRUE TEMPER Quality.

BUNDLING SHOVELS

A skillful operator is bundling six shovels to a lot and sewing on burlap. This method of packing carries a slight extra charge and is designed to preserve the appearance of the tool until it is sold.



Cat. No. BDE10

One Piece, Forged, Solid Shank, Square Point Dirt Shovel, Size No. 2, With SturdE Steel D Type Handle.

Cat. No. FL17

One Piece, Forged, Solid Shank, Square Point Dirt Shovel, Size No. 2, With 50 inch Handle.

SQUARE POINT SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE10	2	9¾ in. x 12 in.	27 inch SturdE Steel D	REXXD24
BDE12	3	10 " x 12½ "	27 " " " "	REXXD24
BDE14	4	10¼ " x 13 "	27 " " " "	REXXD24
BDS10	2	9¾ " x 12 "	27 inch Wood Split D	RSXXD24
BDS12	3	10 " x 12½ "	27 " " " "	RSXXD24
BDS14	4	10¼ " x 13 "	27 " " " "	RSXXD24
BDL16	2	9¾ " x 12 "	50 inch Long Handle	RKLXX46½
BDL18	3	10 " x 12½ "	50 " " "	RKLXX46½
BDL20	4	10¼ " x 13 "	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FE11	2	9¾ in. x 12 in.	27 inch SturdE Steel D	REXD24
FE13	3	10 " x 12½ "	27 " " " "	REXD24
FE15	4	10¼ " x 13 "	27 " " " "	REXD24
FS11	2	9¾ " x 12 "	27 inch Wood Split D	RSXD24
FS13	3	10 " x 12½ "	27 " " " "	RSXD24
FS15	4	10¼ " x 13 "	27 " " " "	RSXD24
FL17	2	9¾ " x 12 "	50 inch Long Handle	RKLX46½
FL19	3	10 " x 12½ "	50 " " "	RKLX46½
FL21	4	10¼ " x 13 "	50 " " "	RKLX46½

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — 16 Gauge Blades, X Grade Handles — *GAMECOCK*

E11B	2	9¾ in. x 12 in.	27 inch SturdE Steel D	REXDB24
E13B	3	10 " x 12½ "	27 " " " "	REXDB24
E15B	4	10¼ " x 13 "	27 " " " "	REXDB24
S11B	2	9¾ " x 12 "	27 inch Wood Split D	RSXDB24
S13B	3	10 " x 12½ "	27 " " " "	RSXDB24
S15B	4	10¼ " x 13 "	27 " " " "	RSXDB24
L17B	2	9¾ " x 12 "	47 inch Long Handle	RLXB44½
L19B	3	10 " x 12½ "	47 " " "	RLXB44½
L21B	4	10¼ " x 13 "	47 " " "	RLXB44½

GRADE C, LIGHT WEIGHT, NOT HEAT TREATED

BADGER — 16 Gauge Blades, No. 1 Grade Handles — *BADGER*

E11C	2	9¾ in. x 12 in.	27 inch SturdE Steel D	RE1DB24
S11C	2	9¾ " x 12 "	27 inch Wood Split D	RS1DB24
L17C	2	9¾ " x 12 "	47 inch Long Handle	RL1B44½

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List. Shovels listed on this page (Except Badger Brand) can be supplied with either riveted or turned steps at standard extra charge. Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 6¼ inches—Handle Lift, 17 inches.
Long Handle—Blade Lift, 6¼ inches—Handle Lift, 30 inches.

For Special Lifts See Page 67

SELLING SHOVELS IS A BIG BUSINESS

The records indicate that man no sooner took up residence on earth than he began digging in it and has been at it ever since. In fact there is very little that we possess or do but what is connected with excavation somewhere along the line.

That is why the shovel business is important, the reason it is so extensive, reaching out as it does to a vast and diversified market. You who are in it are aware of its possibilities and of the advantage to you of carrying the best available line.

The TRUE TEMPER Line of shovels is complete in every respect, offering you the widest selections, backed by established reputation and by the best manufacturing facilities in existence. On this and the pages following we present you TRUE TEMPER SHOVELS.

ROUND POINT SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands		14 Gauge Blades, XX Grade Handles		Conneaut Brands
BULL DOG				*MASTIFF*
List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE22	2	8¾ in. x 12½ in.	27 inch SturdE Steel D	REXXD24
BDE24	3	9 " x 13 "	27 " " " "	REXXD24
BDE26	4	9½ " x 13½ "	27 " " " "	REXXD24
BDS22	2	8¾ " x 12½ "	27 inch Wood Split D	RSXXD24
BDS24	3	9 " x 13 "	27 " " " "	RSXXD24
BDS26	4	9½ " x 13½ "	27 " " " "	RSXXD24
BDL28	2	9¼ " x 12 "	50 inch Long Handle	RKLXX46½
BDL30	3	9½ " x 12½ "	50 " " "	RKLXX46½
BDL32	4	9⅞ " x 13 "	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX		15 Gauge Blades, X Grade Handles		*WOLF*
FE23	2	8¾ in. x 12½ in.	27 inch SturdE Steel D	REXD24
FE25	3	9 " x 13 "	27 " " " "	REXD24
FE27	4	9½ " x 13½ "	27 " " " "	REXD24
FS23	2	8¾ " x 12½ "	27 inch Wood Split D	RSXD24
FS25	3	9 " x 13 "	27 " " " "	RSXD24
FS27	4	9½ " x 13½ "	27 " " " "	RSXD24
FL29	2	9¼ " x 12 "	50 inch Long Handle	RKLX46½
FL31	3	9½ " x 12½ "	50 " " "	RKLX46½
FL33	4	9⅞ " x 13 "	50 " " "	RKLX46½

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM		16 Gauge Blades, X Grade Handles		*GAMECOCK*
E23B	2	8¾ in. x 12½ in.	27 inch SturdE Steel D	REXDB24
E25B	3	9 " x 13 "	27 " " " "	REXDB24
E27B	4	9½ " x 13½ "	27 " " " "	REXDB24
S23B	2	8¾ " x 12½ "	27 inch Wood Split D	RSXDB24
S25B	3	9 " x 13 "	27 " " " "	RSXDB24
S27B	4	9½ " x 13½ "	27 " " " "	RSXDB24
L29B	2	8⅞ " x 11½ "	47 inch Long Handle	RLXB44½
L31B	3	9¼ " x 12 "	47 " " "	RLXB44½
L33B	4	9½ " x 12½ "	47 " " "	RLXB44½

GRADE C, LIGHT WEIGHT, NOT HEAT TREATED

BADGER		16 Gauge Blade No. 1 Grade Handles		*BADGER*
E23C	2	8⅞ in. x 11½ in.	27 inch SturdE Steel D	RE1DB24
S23C	2	8⅞ " x 11½ "	27 inch Wood Split D	RS1DB24
L29C	2	8⅞ " x 11½ "	47 inch Long Handle	RL1B44½

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List. Shovels listed on this page (Except Badger Brand) can be supplied with either riveted or turned steps at standard extra charge. Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle —Blade Lift, 6¼ inches —Handle Lift, 16 inches.
Long Handle —Blade Lift, 6½ inches —Handle Lift, 30 inches.

For Special Lifts See Page 67

AVAIL YOURSELVES OF LONG SUCCESSFUL EXPERIENCE

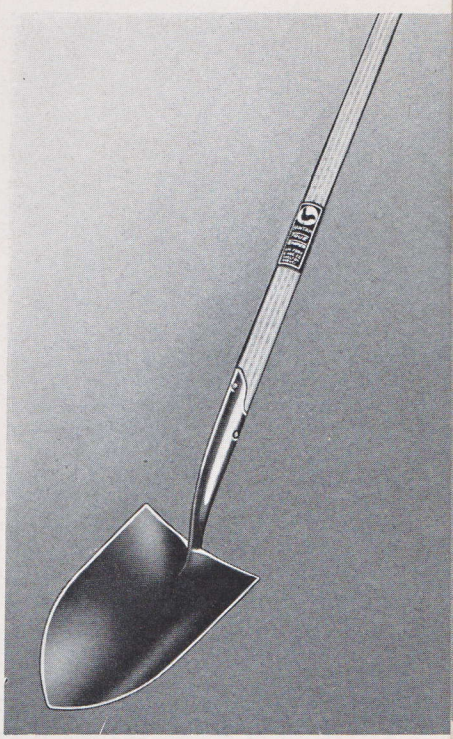
We presume the first shovel was selected by the individual to suit his immediate needs. It must have been pretty crude, a stick, stone or bone of some sort, anything which would dig faster than bare hands.

Then someone in the tribe developed special skill and facility for making digging tools and the others came to him. Thus design was born and with it the centralization of specialized manufacturing.

Today TRUE TEMPER Shovels are manufactured in factories which make nothing else. They are the product, in a sense, of centuries of development, culminating in the very latest of shovel design, the forged one-piece construction of blade, shank and socket.

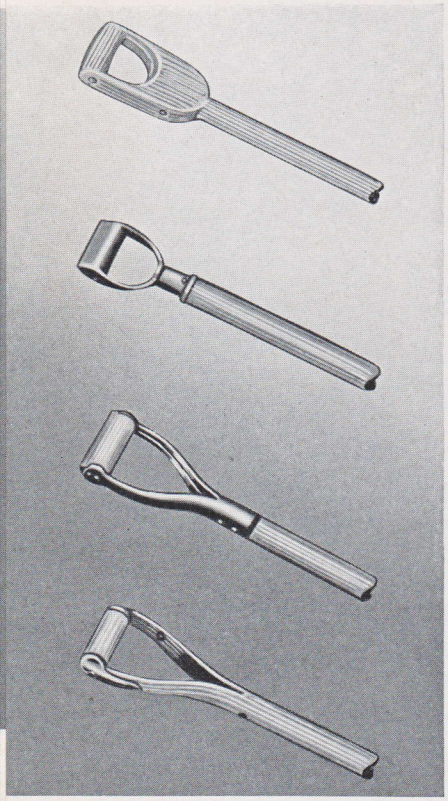
Cat. No. E23B

One Piece, Forged, Solid Shank, Round Point Dirt Shovel, Size No. 2, With SturdE Steel D Type Handle.

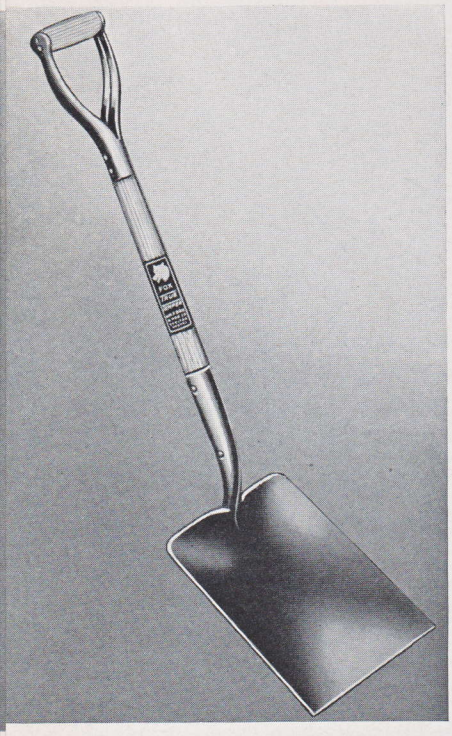


Cat. No. L29B

One Piece, Forged, Solid Shank, Round Point Dirt Shovel, Size No. 2, With 47 inch Handle.



This illustrates the Standard Wood D Type, the Malleable Pien Grip D Type, the SturdE Wood Pien D Type and the Wood Split D Type Handles.



Cat. No. FE41

One Piece, Forged, Solid Shank, Moulders' Shovel, Size No. 2, With Standard Curved Blade and SturdE Steel D Type Handle.

MOULDERS' SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern With Standard Curved Blade

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — *BULLDOG* — **14 Gauge Blades, XX Grade Handles** — **Conneaut Brands** — *MASTIFF*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE44	2	10 in. x 12 in.	27 inch SturdE Steel D	REZXX
BDE444	3	10¼ " x 12½ "	27 " " " "	REZXX
BDS44	2	10 " x 12 "	27 inch Wood Split D	RSZXX
BDS444	3	10¼ " x 12½ "	27 " " " "	RSZXX
BDW44	2	10 " x 12 "	27 inch Wood D	RWZXX
BDW444	3	10¼ " x 12½ "	27 " " "	RWZXX
BDWP44	2	10 " x 12 "	27 inch SturdE Wood Pien Grip	REXXWP
BDWP444	3	10¼ " x 12½ "	27 " " " " "	REXXWP
BDMP44	2	10 " x 12 "	27 inch Malleable Pien D	RMPXXD
BDMP444	3	10¼ " x 12½ "	27 " " " "	RMPXXD

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, X Grade Handles** — *WOLF*

FE41	2	10 in. x 12 in.	27 inch SturdE Steel D	REZX
FE441	3	10¼ " x 12½ "	27 " " " "	REZX
FS41	2	10 " x 12 "	27 inch Wood Split D	RSZX
FS441	3	10¼ " x 12½ "	27 " " " "	RSZX
FW41	2	10 " x 12 "	27 inch Wood D	RWZX
FW441	3	10¼ " x 12½ "	27 " " "	RWZX
FWP41	2	10 " x 12 "	27 inch SturdE Wood Pien Grip	REXWP
FWP441	3	10¼ " x 12½ "	27 " " " " "	REXWP
FMP41	2	10 " x 12 "	27 inch Malleable Pien D	RMPXD
FMP441	3	10¼ " x 12½ "	27 " " " "	RMPXD

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — **16 Gauge Blades, X Grade Handles** — *GAMECOCK*

E41B	2	10 in. x 12 in.	27 inch SturdE Steel D	REZXB
E441B	3	10¼ " x 12½ "	27 " " " "	REZXB
S41B	2	10 " x 12 "	27 inch Wood Split D	RSZXB
S441B	3	10¼ " x 12½ "	27 " " " "	RSZXB
W41B	2	10 " x 12 "	27 inch Wood D	RWZXB
W441B	3	10¼ " x 12½ "	27 " " "	RWZXB
WP41B	2	10 " x 12 "	27 inch SturdE Wood Pien Grip	REXWPB
WP441B	3	10¼ " x 12½ "	27 " " " " "	REXWPB
MP41B	2	10 " x 12 "	27 inch Malleable Pien D	RMPXDB
MP441B	3	10¼ " x 12½ "	27 " " " "	RMPXDB

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Moulders' Shovels Shown are Furnished with Standard Curved Blade—Can Be Supplied with Flat Type Blade When So Desired. If Wanted with Flat Blade Add Letter F to End of List Number.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 17 inches.
D Handle with Malleable D Blade Lift, 6½ inches—Handle Lift, 17 inches.
D Handle with Wood Pien Grip—Blade Lift, 6½ inches—Handle Lift, 17 inches.

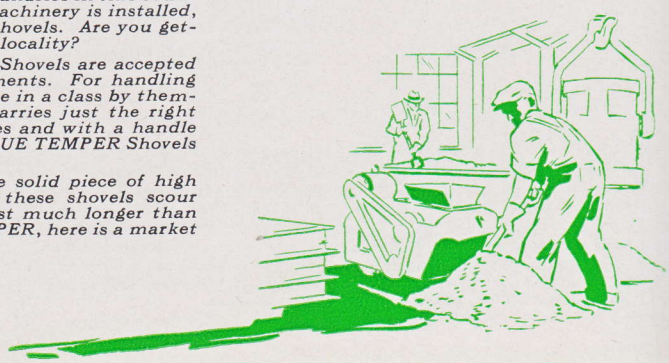
For Special Lifts See Page 67

HERE IS A SUBSTANTIAL MARKET

There are approximately six thousand foundries in this country and no matter how much modern machinery is installed, each has extensive need for good hand shovels. Are you getting your share of this business in your locality?

TRUE TEMPER Solid Shank Moulders' Shovels are accepted as standard for the Industry's requirements. For handling sand and hand tamping in flasks they are in a class by themselves. Designed with a blade which carries just the right load, with a lift which the moulder likes and with a handle and grip that feel right in his hands, TRUE TEMPER Shovels are his choice.

With shank and blade forged from one solid piece of high carbon steel and TRUE TEMPERED, these shovels scour themselves brighter and cleaner and last much longer than ordinary types. If you carry TRUE TEMPER, here is a market which is yours for the asking.



STANDARD TRACK SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — *BULL DOG* — 13 Gauge Blades, XX Grade Handles — *MASTIFF* — **Conneaut Brands**

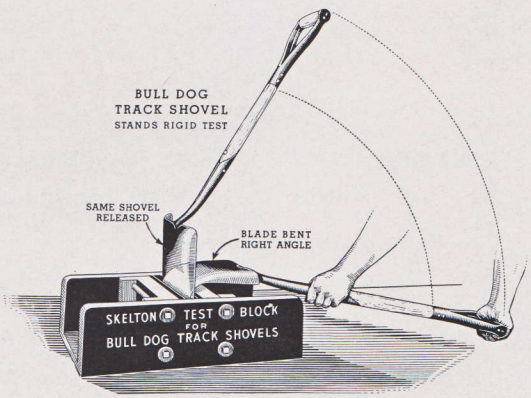
List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE40	2	9¾ in. x 12 in. without step	27 inch SturdE Steel D	REXXD24
BDE40T	2	9¾ " x 12 " with "	27 " " " "	REXXD24
BDS40	2	9¾ " x 12 " without step	27 inch Wood Split D	RSXXD24
BDS40T	2	9¾ " x 12 " with "	27 " " " "	RSXXD24
BDM40	2	9¾ " x 12 " without step	27 inch Malleable D	RMXXD24
BDM40T	2	9¾ " x 12 " with "	27 " " "	RMXXD24

Forged from one solid bar of steel the Bull Dog Track Shovel, except for the handle, is a one piece tool. From the edge of the blade to the top of the handle socket, the steel is properly distributed and free from any pieced together sections, making this the strongest shovel on the market. This strength is due also to the use of special analysis steel of high manganese content and to the method of forging which characterizes all TRUE TEMPER one piece, solid shank, socket pattern shovels.

Cat. No. BDE40T

Standard One Piece, Forged, Solid Shank Track Shovel, Size No. 2, With Turned Step and SturdE Steel D Type Handle.

The steel shank takes the bend and supplies the proper lift so the handle itself is straight and easily replaced. In fact this is the only shovel on the market with the easy handle replacement feature.



Demonstrations such as this and repeated tests in service have given this shovel the popular reputation among railroads of being the most durable, most efficient and most economical shovel for this kind of work.

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

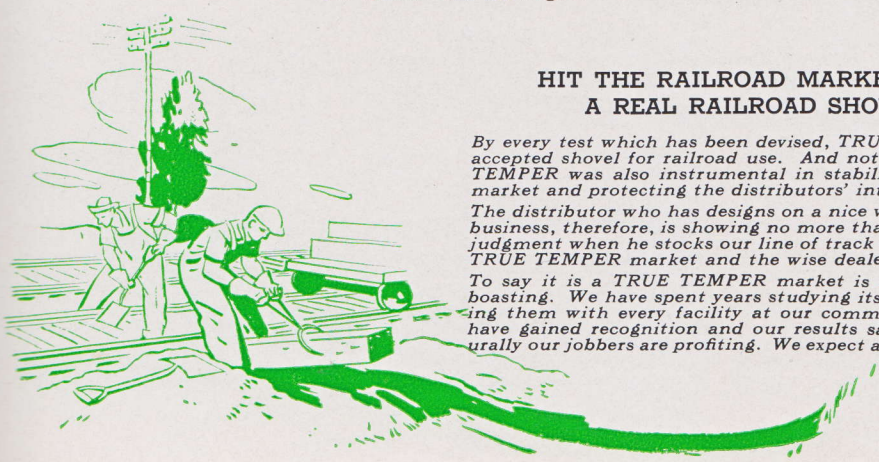
STANDARD LIFTS

With SturdE and Split D Handle —Blade Lift 6 inches —Handle Lift 17 inches.
With Malleable D Handle —Blade Lift 6 inches —Handle Lift 17 inches.

For Special Lifts See Page 67

Cat. No. BDM40

Standard One Piece, Forged, Solid Shank Track Shovel, Size No. 2, With Malleable D Type Handle.



HIT THE RAILROAD MARKET WITH A REAL RAILROAD SHOVEL

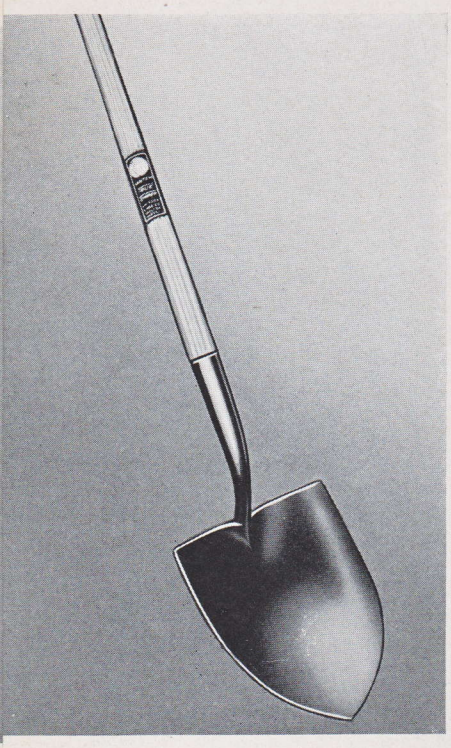
By every test which has been devised, TRUE TEMPER is the accepted shovel for railroad use. And not only that, TRUE TEMPER was also instrumental in stabilizing the railroad market and protecting the distributors' interests.

The distributor who has designs on a nice volume of railroad business, therefore, is showing no more than sound business judgment when he stocks our line of track shovels. This is a TRUE TEMPER market and the wise dealer travels along.

To say it is a TRUE TEMPER market is not blurb or idle boasting. We have spent years studying its needs and meeting them with every facility at our command. Our efforts have gained recognition and our results satisfaction. Naturally our jobbers are profiting. We expect and want them to.

Cat. No. BD48

One Piece, Forged, Solid Shank Irrigating Shovel, Size No. 2, With Open Socket, Regular Strap End Socket and 50 inch Handle.



Cat. No. BD48WS

One Piece, Forged, Solid Shank Irrigating Shovel, Size No. 2, With Maynard Type Closed Socket and 50 inch Handle.

IRRIGATING SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern
Regular Strap End—Open Socket

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — Conneaut Brands

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BD46	1	8 in. x 11 in. without step	50 inch Long Handle	RKLXX46½
BD46T	1	8 " x 10¾ " with step	50 " " "	RKLXX46½
BD48	2	9¼ " x 12 " without step	50 " " "	RKLXX46½
BD48T	2	9¼ " x 11¾ " with step	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

F43	1	8 in. x 11 in. without step	50 inch Long Handle	RKLX46½
F43T	1	8 " x 10¾ " with step	50 " " "	RKLX46½
F45	2	9¼ " x 12 " without step	50 " " "	RKLX46½
F45T	2	9¼ " x 11¾ " with step	50 " " "	RKLX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — 16 Gauge Blades, X Grade Handles — *GAMECOCK*

43B	1	8 in. x 11 in. without step	47 inch Long Handle	RLXB44½
43BT	1	8 " x 10¾ " with step	47 " " "	RLXB44½
45B	2	8¾ " x 11½ " without step	47 " " "	RLXB44½
45BT	2	8¾ " x 11¼ " with step	47 " " "	RLXB44½

GRADE C, LIGHT WEIGHT, NOT HEAT TREATED

BADGER — 16 Gauge Blades, No. 1 Grade Handles — *BADGER*

L43C	1	8 in. x 11 in. without step	47 inch Long Handle	RL1C44½
L45C	2	8⅞ " x 11½ " " "	47 " " "	RL1C44½

MAYNARD TYPE—OLD STYLE—CLOSED (Or Solid) SOCKET

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

BD46WS	1	8 in. x 11 in. without step	50 inch Long Handle	RAZXX46½
BD46T WS	1	8 " x 10¾ " with step	50 " " "	RAZXX46½
BD48WS	2	9¼ " x 12 " without step	50 " " "	RAZXX46½
BD48T WS	2	9¼ " x 11¾ " with step	50 " " "	RAZXX46½

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Maynard Type (Old Style) Closed Socket Shovels are Supplied Only at "A" Grade Price, and Regularly Furnished with Bull Dog or Mastiff Branding, But Can Be Furnished with FOX, WOLF, BANTAM or GAMECOCK Branding When So Desired. If Wanted in Other Than BULL DOG or MASTIFF Brand Specify Brand Name Wanted When Ordering.

Irrigating Shovels Regularly Supplied with Northern Ash Handles, But Will be Supplied with Maple Handles When So Specified at No Extra Charge.

STANDARD LIFTS

Size 1—Long Handle—Blade Lift 3¾ inches—Handle Lift 25½ inches.
Size 2—Long Handle—Blade Lift 4½ inches—Handle Lift 26 inches.

For Special Lifts See Page 67

SELLING SHOVELS TO THE FARMER

Of all the outlets for hand shovels the agricultural market is still the leader. The work for shovels around a farm is constant and varied, ranging from ditching to material handling. No one type or design suffices.

Digging is always hard work but it can be made easier by using the right kind of shovel for the particular job. The right blade shape and size, the proper lift, correct handle and grip, light weight combined with strength are some of the points to be considered in choosing an efficient tool. No other shovel meets these requirements like TRUE TEMPER.

To a considerable extent this is a retailers' market because the buyers are largely individual and the unit quantities are small. A good merchant knows his shovels thoroughly and is quick to appreciate the outstanding selling features of TRUE TEMPER.

RICE SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern
With Perforated Blades

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — Conneaut Brands

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

List No.	Size No.	Blade Description		Handle Description	Right Repair Handle No.
BD50	2	9¼ in. x 11 in.	Round Point	50 inch Long Handle	RKLXX46½
BD500	2	9 " x 11¼ "	Clip Point	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

F47	2	9¼ in. x 11 in.	Round Point	50 inch Long Handle	RKLX46½
F470	2	9 " x 11¼ "	Clip Point	50 " " "	RKLX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — 16 Gauge Blades, X Grade Handles — *GAMECOCK*

47B	2	9¼ in. x 11 in.	Round Point	47 inch Long Handle	RLXB44½
470B	2	9 " x 11¼ "	Clip Point	47 " " "	RLXB44½

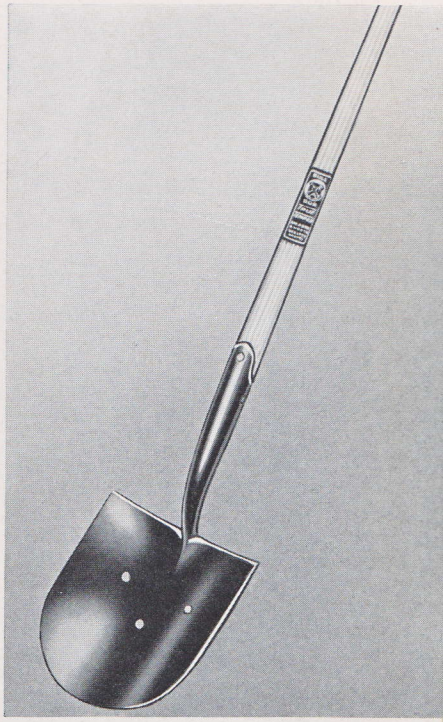
NOTE: Rice Shovels shown above can be supplied with Closed (or Solid) Sockets at "A" Grade Price, only, and regularly furnished with Bull Dog or Mastiff Branding, but can be furnished with Fox, Wolf, Bantam or Gamecock Branding when so desired. When Closed (or Solid) Sockets are wanted add Letters WS to end of List Numbers when ordering.

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

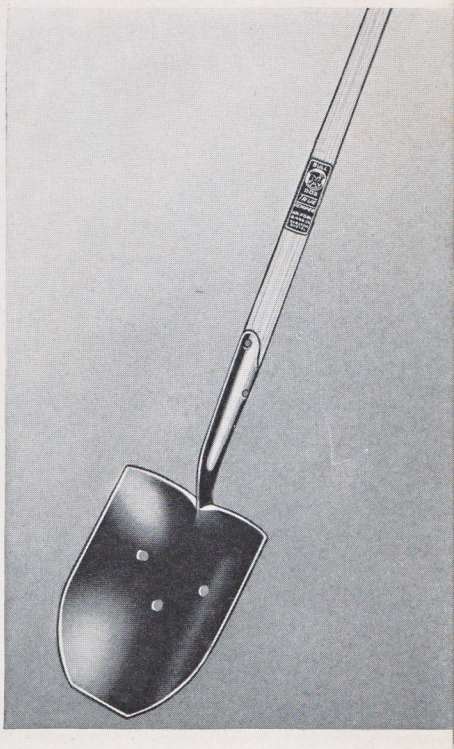
Bull Dog & Fox—Rice Shovels—Round Point—Blade Lift 5 inches—Handle Lift 33 inches.
Bull Dog & Fox—Rice Shovels—Clip Point—Blade Lift 4¾ inches—Handle Lift 32½ inches.
Bantam—Rice Shovels—Round Point—Blade Lift 3¾ inches—Handle Lift 23 inches.
Bantam—Rice Shovels—Clip Point—Blade Lift 3½ inches—Handle Lift 21½ inches.

For Special Lifts See Page 67



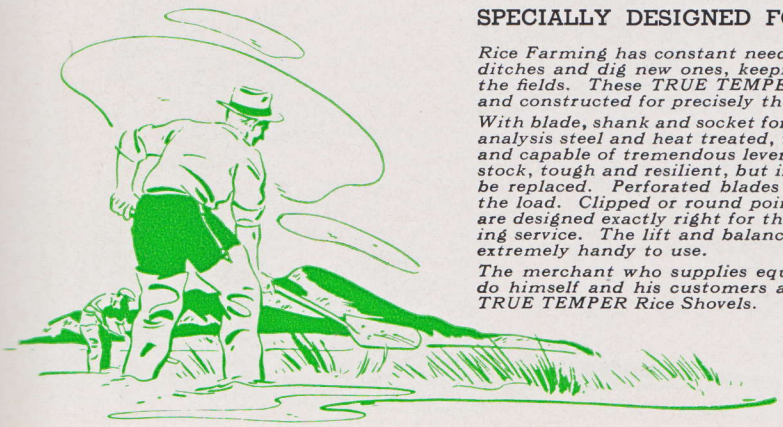
Cat. No. BD50

One Piece, Forged Solid Shank Rice Shovel, Size No. 2, With Perforated Round Point Blade and 50 inch Handle.



Cat. No. BD500

One Piece, Forged, Solid Shank Rice Shovel, Size No. 2, With Perforated Clip Point Blade and 50 inch Handle.

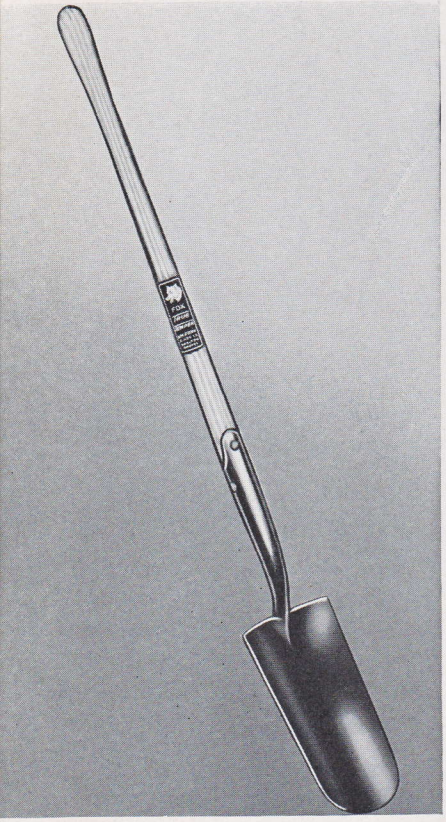


SPECIALLY DESIGNED FOR SPECIAL SERVICE

Rice Farming has constant need for shovels to clean out old ditches and dig new ones, keeping a uniform water level in the fields. These TRUE TEMPER Rice Shovels are designed and constructed for precisely the service they have to give.

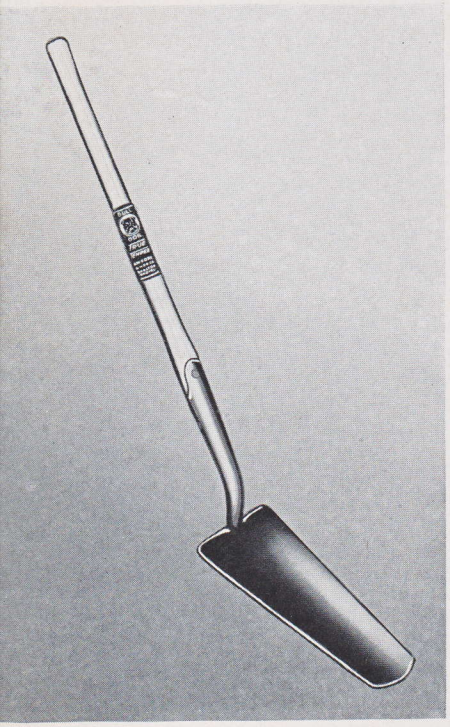
With blade, shank and socket forged from one piece of special analysis steel and heat treated, they are exceptionally strong and capable of tremendous leverage. Handles are of selected stock, tough and resilient, but if one does break it can easily be replaced. Perforated blades drain off water and lighten the load. Clipped or round pointed as preferred, the blades are designed exactly right for this sort of work and give lasting service. The lift and balance of the whole tool makes it extremely handy to use.

The merchant who supplies equipment to this market will do himself and his customers a genuine favor if he carries TRUE TEMPER Rice Shovels.



Cat. No. F49F

One Piece, Forged, Solid Shank Floral Pattern Clam Shovel, Size No. 2, With 34½ inch Handle.



Cat. No. BD64P

One Piece, Forged, Solid Shank Professional Pattern Clam Shovel, Size No. 2, With 27 inch Handle.

CLAM SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

BULL DOG — **14 Gauge Blades, XX Grade Handles** — *MASTIFF*

List No.	Size No.	Blade Description*		Handle Description		Right Repair Handle No.
BD64F	2	4½ in. x 5½ in. x 11½ in.	Floral Pattern	34½ in.	Long Handle	RCXX31½
BD64P	2	3 " x 5 " x 12 "	Professional "	27 "	" "	RCXX24
BD64T	2	4½ " x 5¼ " x 10½ "	Tourist "	36 "	" "	RCXX33

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, XX Grade Handles** — *WOLF*

F49F	2	4½ in. x 5½ in. x 11½ in.	Floral Pattern	34½ in.	Long Handle	RCX31½
F49P	2	3 " x 5 " x 12 "	Professional "	27 "	" "	RCX24
F49T	2	4½ " x 5¼ " x 10½ "	Tourist "	36 "	" "	RCX33

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — **16 Gauge Blades, X Grade Handles** — *GAMECOCK*

49BF	2	4½ in. x 5½ in. x 11½ in.	Floral Pattern	34½ in.	Long Handle	RCXB31½
49BP	2	3 " x 5 " x 12 "	Professional "	27 "	" "	RCXB24
49BT	2	4½ " x 5¼ " x 10½ "	Tourist "	36 "	" "	RCXB33

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

*Under Blade Description First Figures Denote Width at Point, Second Figures Width at Shoulder and Third Figures Length of Blade.

STANDARD LIFTS

Floral Pattern —Blade Lift 2¼ inches —Handle Lift 8 inches.
Professional Pattern —Blade Lift 9⅛ inches —Handle Lift 24 inches.
Tourist Pattern —Blade Lift 6 inches —Handle Lift 23½ inches.

For Special Lifts See Page 67

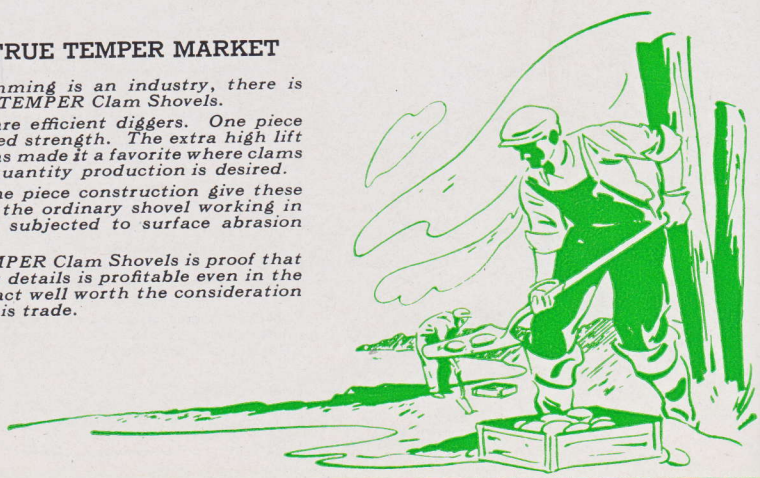
HERE IS ANOTHER TRUE TEMPER MARKET

Along the coast where clamming is an industry, there is extensive demand for TRUE TEMPER Clam Shovels.

These narrow bladed tools are efficient diggers. One piece construction gives them added strength. The extra high lift of the professional pattern has made it a favorite where clams are dug commercially and quantity production is desired.

Special analysis steel and one piece construction give these tools much longer life than the ordinary shovel working in sand and water, constantly subjected to surface abrasion and oxidation.

The popularity of TRUE TEMPER Clam Shovels is proof that attention to these important details is profitable even in the face of a limited market, a fact well worth the consideration of the dealer who supplies this trade.



MINING SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — *BULL DOG* — **14 Gauge Blades, XX Grade Handles** — **Conneaut Brands** — *MASTIFF*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE74	2	8½ in. x 12½ in. Stiff Point	27 inch SturdE Steel D	REXXD24
BDE75	3	9 " x 13 " " "	27 " " " "	REXXD24
BDS74	2	8½ " x 12½ " " "	27 inch Wood Split D	RSXXD24
BDS75	3	9 " x 13 " " "	27 " " " "	RSXXD24
BDL74	2	9¼ " x 12 " " "	42½ inch Long Handle	RKLXX40
BDL75	3	9¾ " x 12½ " " "	42½ " " "	RKLXX40
BDL774	2	9¼ " x 12 " Spring "	42½ " " "	RKLXX40
BDL775	3	9¾ " x 12½ " " "	42½ " " "	RKLXX40

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, X Grade Handles** — *WOLF*

FE74	2	8½ in. x 12½ in. Stiff Point	27 inch SturdE Steel D	REXD24
FE75	3	9 " x 13 " " "	27 " " " "	REXD24
FS74	2	8½ " x 12½ " " "	27 inch Wood Split D	RSXD24
FS75	3	9 " x 13 " " "	27 " " " "	RSXD24
FL74	2	9¼ " x 12 " " "	42½ inch Long Handle	RKLX40
FL75	3	9¾ " x 12½ " " "	42½ " " "	RKLX40
FL774	2	9¼ " x 12 " Spring "	42½ " " "	RKLX40
FL775	3	9¾ " x 12½ " " "	42½ " " "	RKLX40

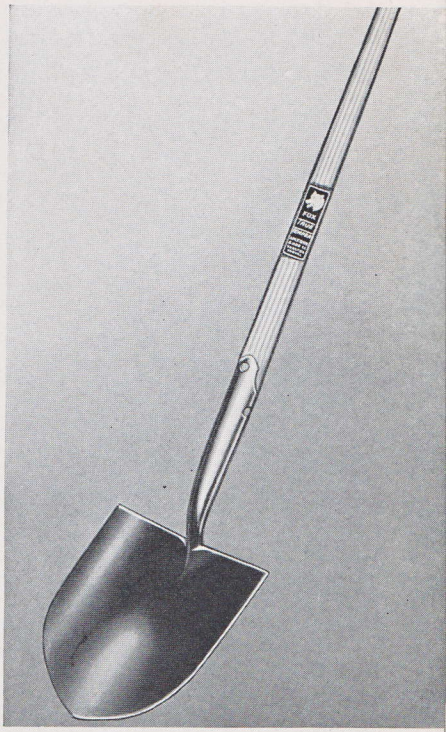
List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

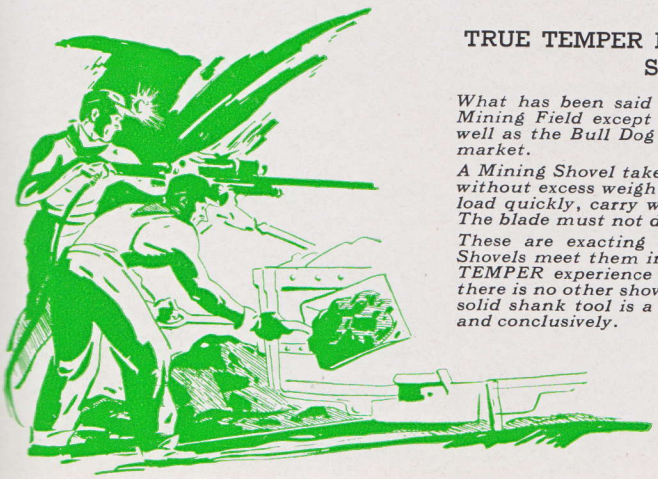
Size 2 —Mining Shovel —D Handle —Blade Lift 7 inches —Handle Lift 19½ inches.
Size 3 —Mining Shovel —D Handle —Blade Lift 7¼ inches —Handle Lift 20 inches.
Size 2 —Mining Shovel —Long Handle —Blade Lift 6¾ inches —Handle Lift 35½ inches.
Size 3 —Mining Shovel —Long Handle —Blade Lift 7 inches —Handle Lift 36 inches.

For Special Lifts See Page 67

Cat. No. BDE75
One Piece, Forged, Solid Shank Mining Shovel, Size No. 3, With SturdE Steel D Type Handle.



Cat. No. FL74
One Piece, Forged, Solid Shank Mining Shovel, Size No. 3, With 42½ inch Handle.



TRUE TEMPER MEETS THE MOST EXACTING SPECIFICATIONS

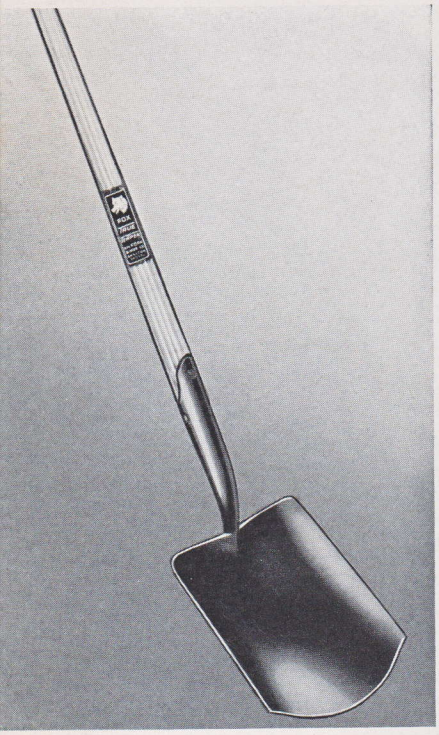
What has been said about Railroad Shovels applies to the Mining Field except that other TRUE TEMPER Brands as well as the Bull Dog set the standard of perfection for this market.

A Mining Shovel takes a constant beating. It must be strong without excess weight. It has to be designed to enter easily, load quickly, carry well and unload accurately and cleanly. The blade must not dent or bend at the edge or shank.

These are exacting specifications. That TRUE TEMPER Shovels meet them in every way is another tribute to TRUE TEMPER experience and method of manufacture. To say there is no other shovel in the same class with this one piece, solid shank tool is a claim that has been proved repeatedly and conclusively.

Cat. No. BDE79

One Piece, Forged, Solid Shank, Socket Pattern, Lime Shovel, Size #2, with SturdE Steel D Type Handle.



Cat. No. FL99

One Piece, Forged, Solid Shank, Socket Pattern, Lime Shovel, Size #2, with 50 inch Long Handle.

LIME SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands				Conneaut Brands
BULL DOG		14 Gauge Blades, XX Grade Handles		*MASTIFF*
List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE79	2	9½ in. x 12 in.	27 inch SturdE Steel D	REXXD24
BDS79	2	9½ " x 12 "	27 inch Wood Split D	RSXXD24
BDL82	2	9½ " x 12 "	50 inch Long Handle	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX		15 Gauge Blades, X Grade Handles		*WOLF*
FE98	2	9½ in. x 12 in.	27 inch SturdE Steel D	REXD24
FS98	2	9½ " x 12 "	27 inch Wood Split D	RSXD24
FL99	2	9½ " x 12 "	50 inch Long Handle	RKLX46½

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM		16 Gauge Blades, X Grade Handles		*GAMECOCK*
E98B	2	9½ in. x 12 in.	27 inch SturdE Steel D	REXDB24
S98B	2	9½ " x 12 "	27 inch Wood Split D	RSXDB24
L99B	2	9½ " x 12 "	47 inch Long Handle	RLXB44½

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 6¼ inches—Handle Lift 17 inches.
Long Handle—Blade Lift, 6 inches—Handle Lift 30 inches.

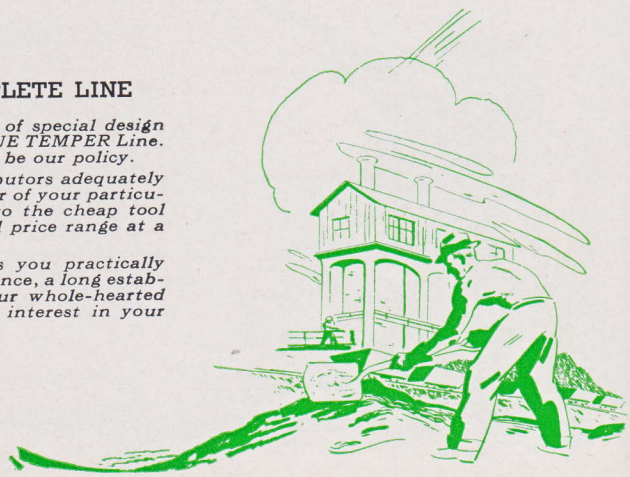
For Special Lifts See Page 67

THE ADVANTAGES OF A COMPLETE LINE

If a substantial need exists for any shovel of special design and construction, you will find it in the TRUE TEMPER Line. That has always been and will continue to be our policy.

In this way we are able to serve our distributors adequately regardless of your locality and the character of your particular markets. Although we do not cater to the cheap tool trade, we do offer honest goods in a varied price range at a fair discount.

Stocking TRUE TEMPER Shovels assures you practically unlimited selection, wide consumer acceptance, a long established reputation for high quality and our whole-hearted cooperation with you based on a sincere interest in your success with the line.



BRICK YARD SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands				Conneaut Brands
BULL DOG		14 Gauge Blades, XX Grade Handles		*MASTIFF*
List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE90	4	8½ in. x 9½ in. x 12½ in.	27 inch SturdE Steel D	REXXD24
BDS90	4	8½ " x 9½ " x 12½ "	27 inch Wood Split D	RSXXD24
BDL90	4	8½ " x 9½ " x 12½ "	50 inch Long Handle	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

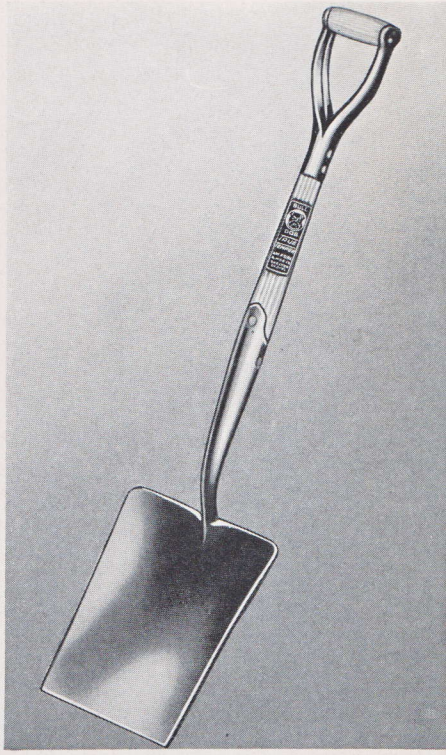
FOX		15 Gauge Blades, X Grade Handles		*WOLF*
FE95	4	8½ in. x 9½ in. x 12½ in.	27 inch SturdE Steel D	REXD24
FS95	4	8½ " x 9½ " x 12½ "	27 inch Wood Split D	RSXD24
FL95	4	8½ " x 9½ " x 12½ "	50 inch Long Handle	RKLX46½

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

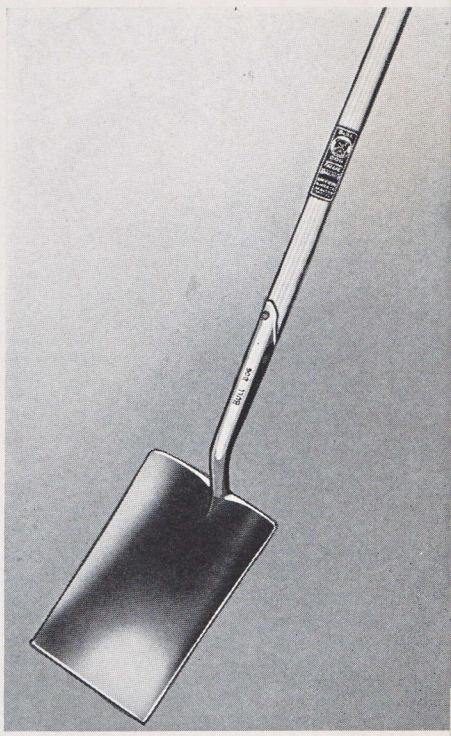
STANDARD LIFTS

No. 4 Brick Yard Shovels, D Handle —Blade Lift 6 inches —Handle Lift 16½ inches.
No. 4 Brick Yard Shovels, Long Handle —Blade Lift 6½ inches —Handle Lift 30 inches.

For Special Lifts See Page 67



Cat. No. BDE90
One Piece, Forged, Solid Shank, Socket Pattern, Brick Yard Shovel, Size #4, with SturdE Steel D Type Handle.



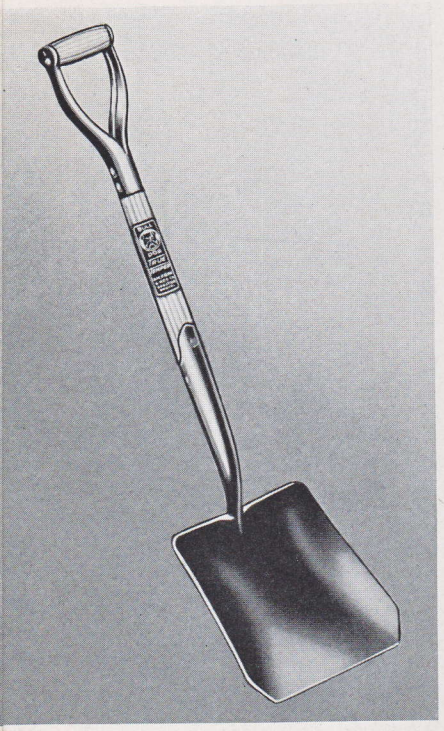
Cat. No. BDL90
One Piece, Forged, Solid Shank, Socket Pattern, Brick Yard Shovel, Size #4, with 50 inch Long Handle.

AVAIL YOURSELF OF TRUE TEMPER QUALITY

Any one of the TRUE TEMPER brands on a shovel definitely lifts the tool out of the "ordinary" class by certifying quality and service.

The proper wood for the handle and its subsequent treatment, special steel forged and heat treated for the one piece solid shank and blade and for the SturdE Handle are guaranteed details of these shovels. So is the design; arrived at after years of experience in building fine tools.

TRUE TEMPER means selected materials, correct design and proper construction, most important in a satisfactory shovel.



Cat. No. BDE78

One Piece, Forged, Solid Shank, Socket Pattern, Sewer Shovel, Size #2, with SturdE Steel D Type Handle.

SEWER OR TUNNEL SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

Short Blade — Chicago Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

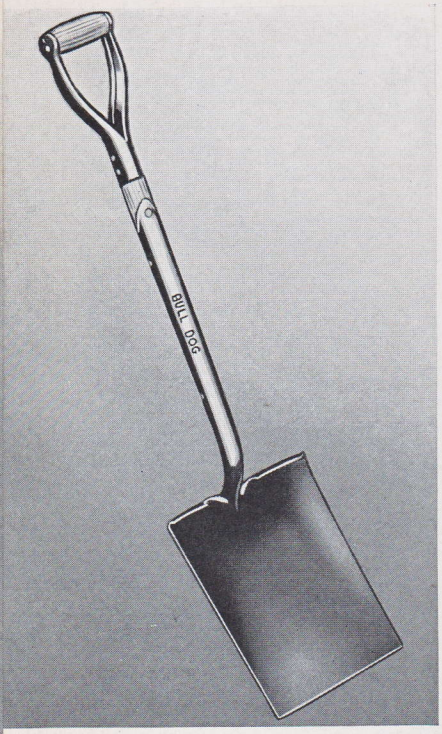
BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE78	2	8¼ in. x 9¼ in. x 10½ in.	Square 27 inch SturdE Steel D	REXXD24
BDE788	2	7 " x 8¾ " x 10 "	Tapered 27 " " " "	REXXD24
BDS78	2	8¼ " x 9¼ " x 10½ "	Square 27 inch Wood Split D	RSXXD24
BDS788	2	7 " x 8¾ " x 10 "	Tapered 27 " " " "	RSXXD24
BDL78	2	8¼ " x 9¼ " x 10½ "	Square 50 inch Long Handle	RKLXX46½
BDL788	2	7 " x 8¾ " x 10 "	Tapered 50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FE70	2	8¼ in. x 9¼ in. x 10½ in.	Square 27 inch SturdE Steel D	REXD24
FE700	2	7 " x 8¾ " x 10 "	Tapered 27 " " " "	REXD24
FS70	2	8¼ " x 9¼ " x 10½ "	Square 27 inch Wood Split D	RSXD24
FS700	2	7 " x 8¾ " x 10 "	Tapered 27 " " " "	RSXD24
FL70	2	8¼ " x 9¼ " x 10½ "	Square 50 inch Long Handle	RKLX46½
FL700	2	7 " x 8¾ " x 10 "	Tapered 50 " " "	RKLX46½



Cut No. BDE778

One Piece, Forged, Solid Shank Type Trench Digging Shovel, Size #2, with 17 inch Reinforced Socket and SturdE Steel D Type Handle.

TRENCH DIGGING SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

With 17 inch Long Reinforced Socket

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

BDE778	2	8¼ in. x 9 in. x 11¼ in.	Tapered	27 inch SturdE Steel D	REXXDN
BDS778	2	8¼ " x 9 " x 11¼ "	"	27 inch Wood Split D	RSXXDN

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FE778	2	8¼ in. x 9 in. x 11¼ in.	Tapered	27 inch SturdE Steel D	REXDN
FS778	2	8¼ " x 9 " x 11¼ "	"	27 inch Wood Split D	RSXDN

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

No. 2 Sewer Shovels, D Handle — Blade Lift 5½ inches — Handle Lift 18 inches.
No. 2 Sewer Shovels, Long Handle — Blade Lift 6¼ inches — Handle Lift 29 inches.
No. 2 Trenching Shovels, D Handle — Blade Lift 5¼ inches — Handle Lift 16½ inches.

For Special Lifts See Page 67

TRUE TEMPER DISTRIBUTORS BENEFIT BY GENERATIONS OF SHOVEL MAKING EXPERIENCE

Shovel making had been the Skelton Family trade for generations when young Frederick started to learn it in Sheffield, England, about seventy-five years ago. His advent to the industry is worthy of note because of the radical changes in design and method which he accomplished in a long successful career.

He was still a young man when he conceived the revolutionary idea of a solid shank shovel with blade, shank and socket forged from one piece. The subsequent history of the development of his idea is one of struggle against opposition and to overcome mechanical difficulties. He persisted through years that must have been disheartening, in England, Canada and finally in this country.

Meanwhile advancing knowledge of steel and the invention of adequately designed machinery aided him to realize his aim, proving that the principle he had conceived was right.

Then came the long fight to convince the markets that this was a far superior shovel to any they had been using. Here again success was only obtained by untiring effort and sheer weight of evidence offered again and again in one industrial field after another where hand shovels are used.

Experience like this builds an impregnable foundation for any product. Ultimate acceptance of the One Piece Solid Shank Shovel as the standard of perfection for this type of tool is, therefore, no result of snap judgment or sudden popularity. It measures up to the exacting requirement of TRUE TEMPER Quality in every way.

ASPHALTS AND CONCRETE SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

BULL DOG — **14 Gauge Blades, XX Grade Handles** — *MASTIFF*

ASPHALT SHOVELS

With 14 inch Long Closed Socket

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE87	2	10 in. x 12 in.	27 inch SturdE Steel D	REZXXT
BDS87	2	10 " x 12 "	27 inch Wood Split D	RSZXXT
BDL87	2	10 " x 12 "	50 inch Long Handle	RAZXX46½

CONCRETE SHOVELS

With Regular Strap End Socket

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

BULL DOG — **14 Gauge Blades, XX Grade Handles** — *MASTIFF*

BDE84	4	11 in. x 13 in.	27 inch SturdE Steel D	REXXD24
BDS84	4	11 " x 13 "	27 inch Wood Split D	RSXXD24
BDL84	4	11 " x 13 "	50 inch Long Handle	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, X Grade Handles** — *WOLF*

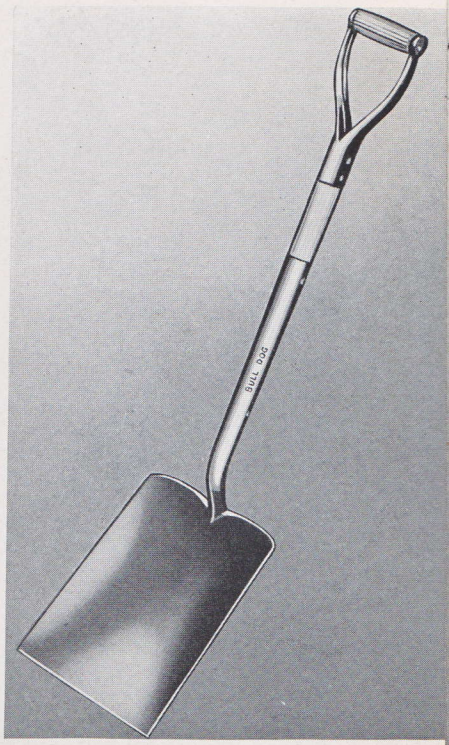
FE84	4	11 in. x 13 in.	27 inch SturdE Steel D	REXD24
FS84	4	11 " x 13 "	27 inch Wood Split D	RSXD24
FL84	4	11 " x 13 "	50 inch Long Handle	RKLX46½

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

No. 2 Asphalt Shovels, D Handle—Blade Lift 6½ inches—Handle Lift 18½ inches.
No. 4 Concrete Shovels, D Handle—Blade Lift 6½ inches—Handle Lift 18 inches.
No. 2 Asphalt Shovels, Long Handle—Blade Lift 6¼ inches—Handle Lift 30 inches.
No. 4 Concrete Shovels, Long Handle—Blade Lift 6¼ inches—Handle Lift 31 inches.

For Special Lifts See Page 67



Cat. No. BDE87

One Piece, Forged, Solid Shank Asphalt Shovel, Size #2, with 14 inch Socket and SturdE Steel D Type Handle.

Cat. No. BDE84

One Piece, Forged, Solid Shank, Socket Pattern, Concrete Shovel, Size #4, with SturdE Steel D Type Handle.

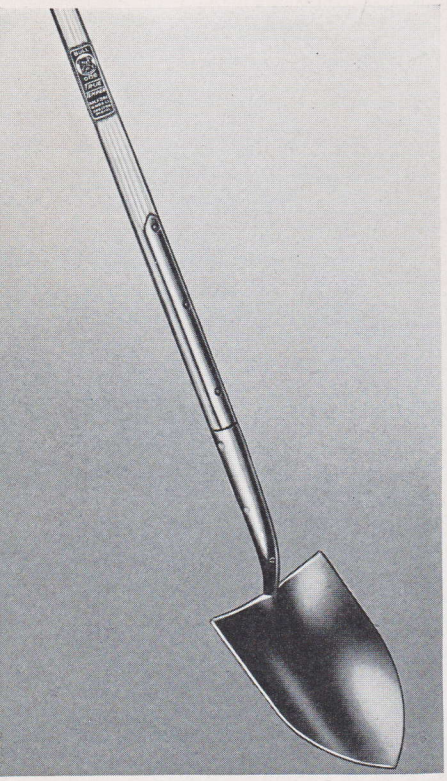
THE SOLID SHANK SHOVEL A WELCOME ADDITION TO TRUE TEMPER LINE

What really started Skelton on the road to his improved type of shovel was his early observation of the common weakness of such tools. Where the shank joined the blade they would inevitably break in hard service. Compensating the weakness with more metal only resulted in a clumsier shovel to handle and did not prevent its breaking sooner or later.

Since then the quality of metal has, of course, improved and today machinery maintains a uniformity of construction impossible to hand work. All shovels, therefore, are much better than they used to be but the one piece tool developed by Skelton stands well out in front.

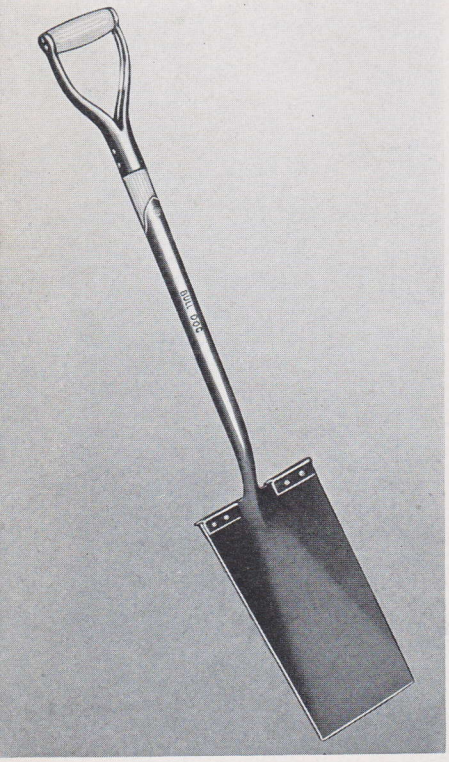
Forged from a bar of special steel, the blade shank and socket make up an integral unit which is practically unbreakable. Every variation in design necessary to increase efficiency for particular uses is possible without affecting the original principle of design or reducing its strength.

The solid shank shovel has more selling points than any other. Its features can be demonstrated. Its economy and efficiency can be proved. Workmen like it. Because of these facts the Skelton One Piece Shovel has set the pace in industry and TRUE TEMPER distributors welcome it as a profitable addition to their lines.



Cat. No. BDL89

One Piece, Forged, Solid Shank Nursery Shovel, Size #2, with 12 inch Reinforced Straps and 50 inch Long Handle.



Cat. No. BDE188

One Piece, Forged, Solid Shank Nursery Spade, Size #2, with 17 inch Socket and SturdE Steel D Type Handle

NURSERY SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern
With 12 inch Reinforced Straps

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — Conneaut Brands

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE88	1	8 in. x 11 in.	27 inch SturdE Steel D	REXXDS
BDE89	2	9¼ " x 12 "	27 " " " "	REXXDS
BDS88	1	8 " x 11 "	27 inch Wood Split D	RSXXDS
BDS89	2	9¼ " x 12 "	27 " " " "	RSXXDS
BDL88	1	8 " x 11 "	50 inch Long Handle	RKLXXLS
BDL89	2	9¼ " x 12 "	50 " " "	RKLXXLS

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FE88	1	8 in. x 11 in.	27 inch SturdE Steel D	REXDS
FE89	2	9¼ " x 12 "	27 " " " "	REXDS
FS88	1	8 " x 11 "	27 inch Wood Split D	RSXDS
FS89	2	9¼ " x 12 "	27 " " " "	RSXDS
FL88	1	8 " x 11 "	50 inch Long Handle	RKLXLS
FL89	2	9¼ " x 12 "	50 " " "	RKLXLS

LONG SOCKET NURSERY SPADES

One Piece, Forged, Solid Shank, Socket Pattern
With 17 inch Socket

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

BULL DOG — 12 Gauge Blades, XX Grade Handles — *MASTIFF*

BDE188	2	6¼ in. x 8½ in. x 12½ in.	27 inch SturdE Steel D	REXXDT
BDS188	2	6¼ " x 8½ " x 12½ "	27 inch Wood Split D	RSXXDT
BDL188	2	6¼ " x 8½ " x 12½ "	50 inch Long Handle	RKLXXT

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 12 Gauge Blades, X Grade Handles — *WOLF*

FE188	2	6¼ in. x 8½ in. x 12½ in.	27 inch SturdE Steel D	REXDT
FS188	2	6¼ " x 8½ " x 12½ "	27 inch Wood Split D	RSXDT
FL188	2	6¼ " x 8½ " x 12½ "	50 inch Long Handle	RKLXT

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

No. 1 Nursery Shovels, D Handle —Blade Lift 4 inches —Handle Lift 13 inches.
No. 1 Nursery Shovels, Long Handle —Blade Lift 4½ inches —Handle Lift 18 inches.
No. 2 Nursery Spades, D Handle —Blade Lift 4 inches —Handle Lift 9½ inches.

For Special Lifts See Page 67

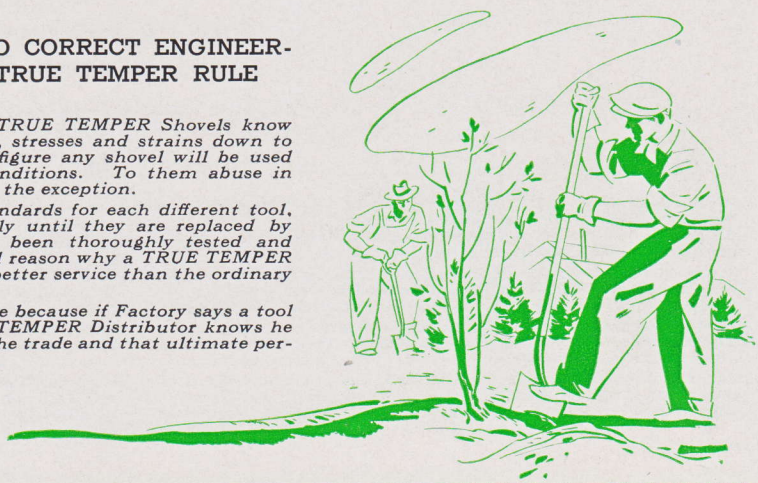
STRICT ADHERENCE TO CORRECT ENGINEERING PRINCIPLES A TRUE TEMPER RULE

You can depend upon it.

The men who manufacture TRUE TEMPER Shovels know their methods and materials, stresses and strains down to the last detail. They never figure any shovel will be used carefully and under ideal conditions. To them abuse in service is the rule rather than the exception.

Therefore, having set the standards for each different tool, they adhere to them absolutely until they are replaced by improved design which has been thoroughly tested and proved. That is one very good reason why a TRUE TEMPER Shovel lasts longer and gives better service than the ordinary tool of this sort.

Such a rule inspires confidence because if Factory says a tool will do so and so, the TRUE TEMPER Distributor knows he can pass that claim along to the trade and that ultimate performance will prove its truth.



CONCRETE SPADES

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

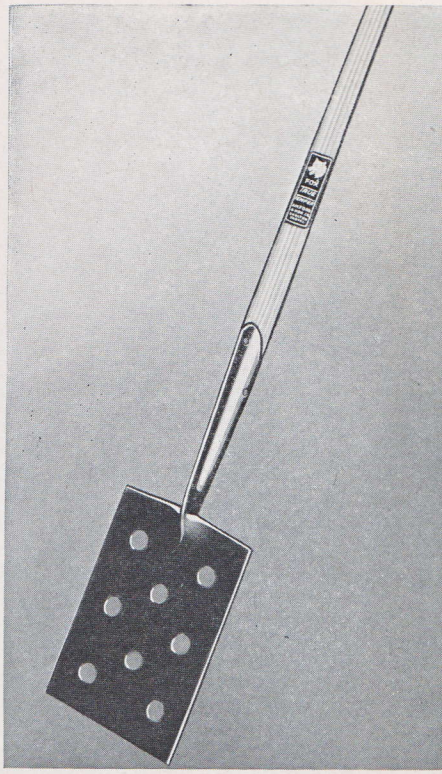
BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE101	2	7¼ in. x 12 in.	Plain	27 inch SturdE Steel D	REXXD24
BDE101H	2	7¼ " x 12 "	Perforated	27 " " " "	REXXD24
BDS101	2	7¼ " x 12 "	Plain	27 inch Wood Split D	RSXXD24
BDS101H	2	7¼ " x 12 "	Perforated	27 " " " "	RSXXD24
BDL101	2	7¼ " x 12 "	Plain	50 inch Long Handle	RKLXX46½
BDL101H	2	7¼ " x 12 "	Perforated	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FE101	2	7¼ in. x 12 in.	Plain	27 inch SturdE Steel D	REXD24
FE101H	2	7¼ " x 12 "	Perforated	27 " " " "	REXD24
FS101	2	7¼ " x 12 "	Plain	27 inch Wood Split D	RSXD24
FS101H	2	7¼ " x 12 "	Perforated	27 " " " "	RSXD24
FL101	2	7¼ " x 12 "	Plain	50 inch Long Handle	RKLX46½
FL101H	2	7¼ " x 12 "	Perforated	50 " " "	RKLX46½



Cat. No. FL101H

One Piece, Forged, Solid Shank, Socket Pattern, Concrete Spade, Size #2, with Perforated Blade and 50 inch Long Handle.

CONCRETE FORM SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

BDE100	2	10 in. x 12 in.	Plain	27 inch SturdE Steel D	REXXD24
BDE100H	2	10 " x 12 "	Perforated	27 " " " "	REXXD24
BDS100	2	10 " x 12 "	Plain	27 inch Wood Split D	RSXXD24
BDS100H	2	10 " x 12 "	Perforated	27 " " " "	RSXXD24
BDL100	2	10 " x 12 "	Plain	50 inch Long Handle	RKLXX46½
BDL100H	2	10 " x 12 "	Perforated	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

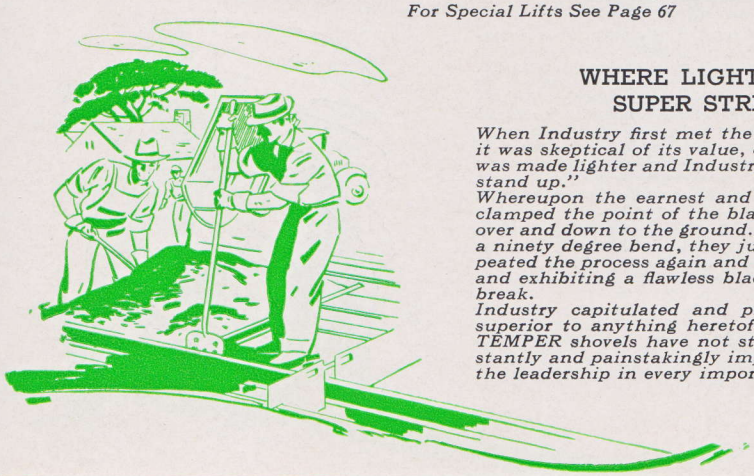
FE100	2	10 in. x 12 in.	Plain	27 inch SturdE Steel D	REXD24
FE100H	2	10 " x 12 "	Perforated	27 " " " "	REXD24
FS100	2	10 " x 12 "	Plain	27 inch Wood Split D	RSXD24
FS100H	2	10 " x 12 "	Perforated	27 " " " "	RSXD24
FL100	2	10 " x 12 "	Plain	50 inch Long Handle	RKLX46½
FL100H	2	10 " x 12 "	Perforated	50 " " "	RKLX46½

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

No. 2 Concrete Form Shovels, D Handle —Blade Lift 1¼ inches —Handle Lift 3½ inches.
No. 2 Concrete Form Shovels, Long Handle —Blade Lift ¾ inch —Handle Lift 1¾ inches.
No. 2 Concrete Form Shovels, Both D Handle and Long Handle —Straight, No Lift.

For Special Lifts See Page 67

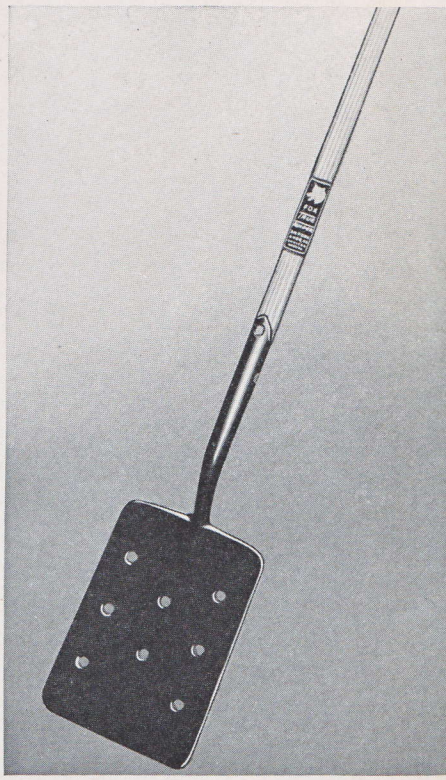


WHERE LIGHT WEIGHT PLUS SUPER STRENGTH RULE

When Industry first met the One Piece Solid Shank Shovel, it was skeptical of its value, called it too heavy. The shovel was made lighter and Industry, still stubborn, said "It won't stand up."

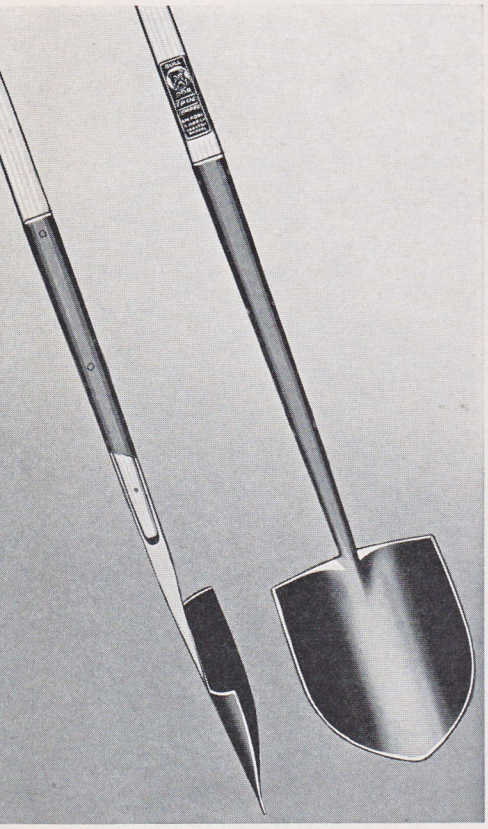
Whereupon the earnest and somewhat desperate salesmen clamped the point of the blade in a vice, pulled the handle over and down to the ground. Not contented with more than a ninety degree bend, they jumped on the handle. They repeated the process again and again, finally removing the tool and exhibiting a flawless blade without a sign of a bend or break.

Industry capitulated and promptly accepted the tool as superior to anything heretofore offered. Since then TRUE TEMPER shovels have not stood still. They are being constantly and painstakingly improved, holding by sheer merit, the leadership in every important industry.

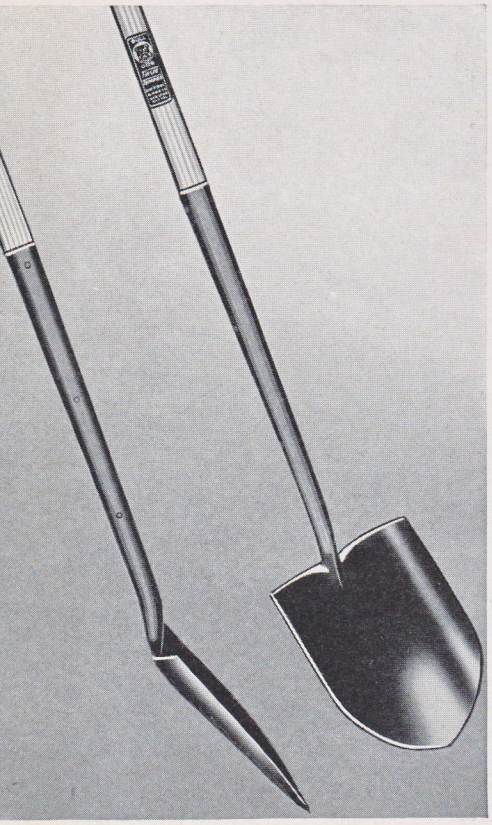


Cat. No. FL100H

One Piece, Forged, Solid Shank, Socket Pattern, Concrete Form Shovel, Size #2, with Perforated Blade and 50 inch Long Handle.



Cat. No. B8008S
One Piece, Forged, Solid Shank Telegraph Shovel with Straight Shank, 22 inch Socket and Long Handle.



Cat. No. B8008B
One Piece, Forged, Solid Shank Telegraph Shovel with Bent Shank, 22 inch Socket and Long Handle.

TELEGRAPH SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern
With 22 inch Socket

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — *BULL DOG* — **Conneaut Brands** — *MASTIFF*

13 Gauge Blades, XX Grade Handles

Straight Shank Pattern

List No.	Blade Description	Handle Description	Right Repair Handle No.
B6008S	9½ in. x 12 in.	6 ft.	R6XX
B7008S	9½ " x 12 "	7 "	R7XX
B8008S	9½ " x 12 "	8 "	R8XX
B9008S	9½ " x 12 "	9 "	R9XX
B1008S	9½ " x 12 "	10 "	R10XX
B1208S	9½ " x 12 "	12 "	R12XX

Bent Shank Pattern

B6008B	9½ in. x 12 in.	6 ft.	R6XXB
B7008B	9½ " x 12 "	7 "	R7XXB
B8008B	9½ " x 12 "	8 "	R8XXB
B9008B	9½ " x 12 "	9 "	R9XXB
B1008B	9½ " x 12 "	10 "	R10XXB
B1208B	9½ " x 12 "	12 "	R12XXB

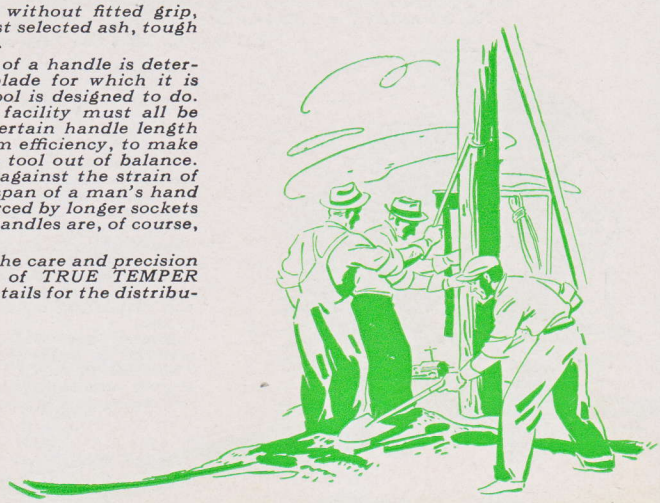
Furnished with Black Finish Blade Only.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

THERE IS NO GUESS-WORK ABOUT TRUE TEMPER SHOVEL HANDLES

Whether long or short, with or without fitted grip, these handles are made of the best selected ash, tough and resilient, yet not too springy.

The diameter, shape and length of a handle is determined exactly by the type of blade for which it is intended and by the work the tool is designed to do. Balance, leverage and handling facility must all be taken into consideration. If a certain handle length determines the shovel's maximum efficiency, to make it longer would throw the whole tool out of balance. Increased diameter for strength against the strain of excess leverage is limited by the span of a man's hand requiring some types to be reinforced by longer sockets and straps. All TRUE TEMPER handles are, of course, polished and waxed.

These are just further details of the care and precision that go into the manufacture of TRUE TEMPER shovels but they are important details for the distributor to know.



TELEGRAPH SPOONS

One Piece, Forged, Solid Shank, Socket Pattern
With 22 inch Sockets

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — *BULL DOG*

Conneaut Brands — *MASTIFF*

13 Gauge Blades, XX Grade Handles

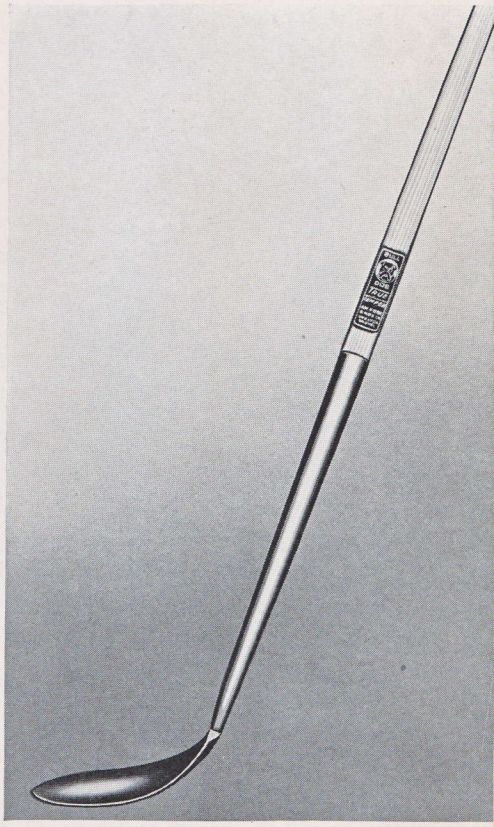
Eastern Pattern

List No.	Blade Description	Handle Description	Right Repair Handle No.
B6006E	9½ in. x 10¼ in.	6 ft.	R6XX
B7006E	9½ " x 10¼ "	7 "	R7XX
B8006E	9½ " x 10¼ "	8 "	R8XX
B9006E	9½ " x 10¼ "	9 "	R9XX
B1006E	9½ " x 10¼ "	10 "	R10XX
B1206E	9½ " x 10¼ "	12 "	R12XX

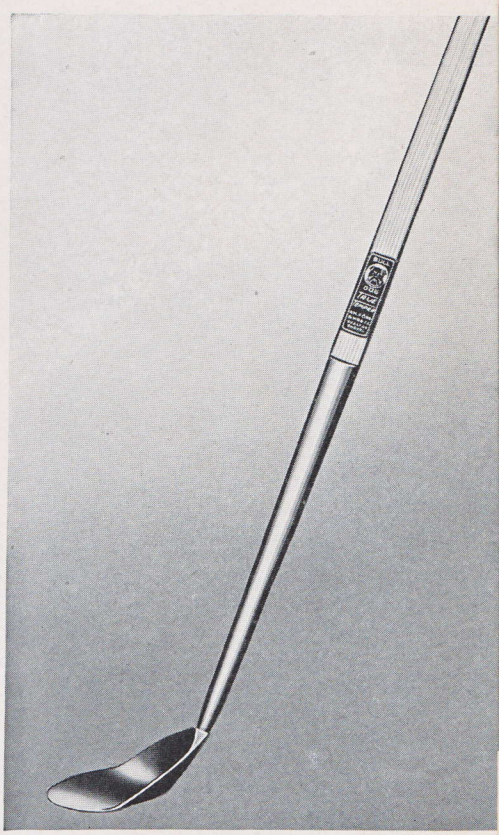
Western Pattern

B6006W	9½ in. x 9 in.	6 ft.	R6XX
B7006W	9½ " x 9 "	7 "	R7XX
B8006W	9½ " x 9 "	8 "	R8XX
B9006W	9½ " x 9 "	9 "	R9XX
B1006W	9½ " x 9 "	10 "	R10XX
B1206W	9½ " x 9 "	12 "	R12XX

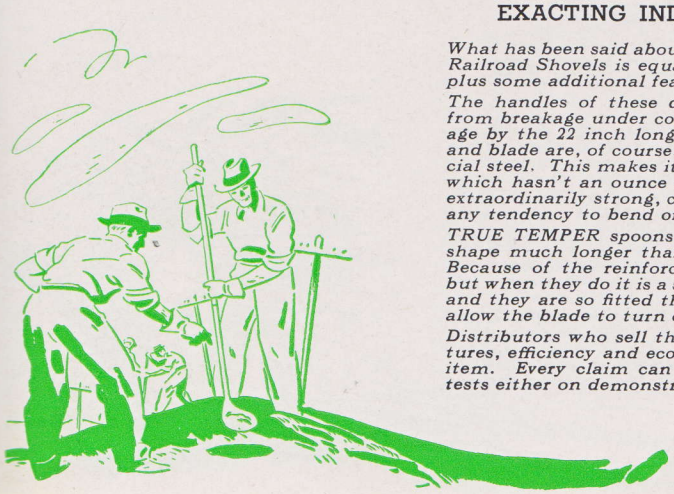
Furnished with Black Finish Blade Only.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.



Cat. No. B8006E
One Piece, Forged, Solid Shank Type Telegraph Spoon, Eastern Pattern, with 22 inch Socket and Long Handle.



Cat. No. B8006W
One Piece, Forged, Solid Shank Telegraph Spoon, Western Pattern, with 22 inch Socket and Long Handle.



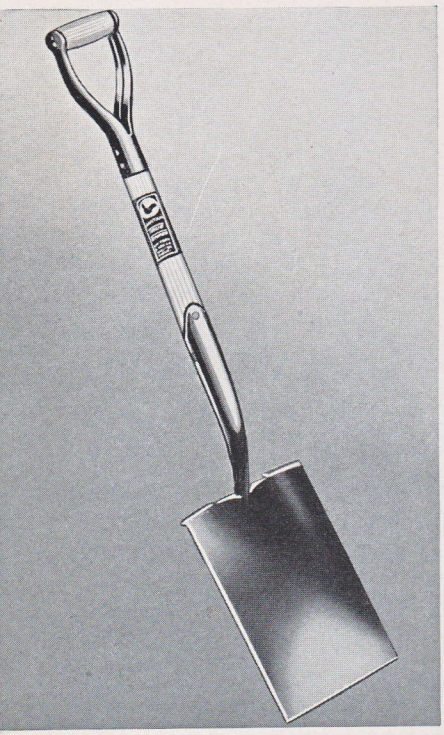
TRUE TEMPER SPECIAL DESIGN AND CONSTRUCTION SATISFIES ANOTHER EXACTING INDUSTRIAL MARKET

What has been said about TRUE TEMPER Solid Shank Railroad Shovels is equally true of Telegraph Spoons plus some additional features.

The handles of these deep hole tools are protected from breakage under constant and tremendous leverage by the 22 inch long steel sockets. Socket, shank and blade are, of course, forged from one piece of special steel. This makes it possible to construct a spoon which hasn't an ounce of excess weight and which is extraordinarily strong, capable of long service without any tendency to bend or straighten at the shank.

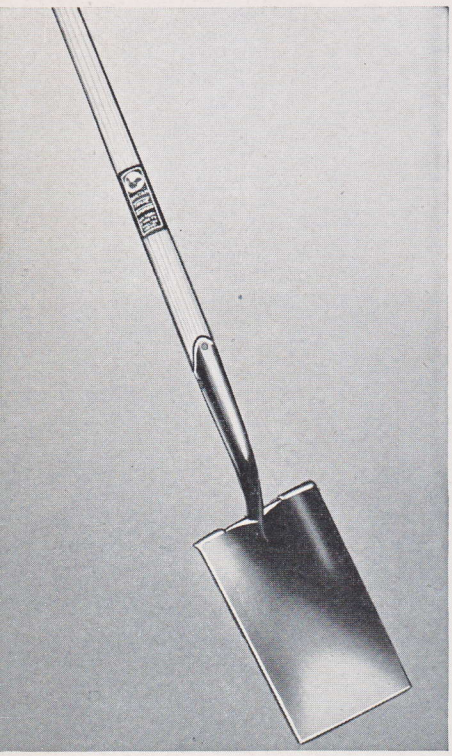
TRUE TEMPER spoons hold their cutting edge and shape much longer than ordinary tools of this type. Because of the reinforcement, handles rarely break but when they do it is a simple matter to replace them and they are so fitted that they cannot work loose or allow the blade to turn or wobble.

Distributors who sell this market appreciate the features, efficiency and economy of this TRUE TEMPER item. Every claim can be proved by the most rigid tests either on demonstration or in service.



Cat. No. E33B

One Piece, Forged, Solid Shank, Socket Pattern, Standard Garden Spade, Size #2, with SturdE Steel D Type Handle.



Cat. No. L37B

One Piece, Forged, Solid Shank, Socket Pattern, Standard Garden Spade, Size #2, with 47 inch Long Handle.

STANDARD GARDEN SPADES

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — 14 Gauge Blades, XX Grade Handles — **Conneaut Brands**

BULL DOG List No.	Size No.	Blade Description	Handle Description	*MASTIFF* Right Repair Handle No.
BDE32	2	7¼ in. x 12 in.	27 inch SturdE Steel D	REXXD24
BDE34	3	7½ " x 12½ "	27 " " " "	REXXD24
BDS32	2	7¼ " x 12 "	27 inch Wood Split D	RSXXD24
BDS34	3	7½ " x 12½ "	27 " " " "	RSXXD24
BDL36	2	7¼ " x 12 "	50 inch Long Handle	RKLXX46½
BDL38	3	7½ " x 12½ "	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FE33	2	7¼ in. x 12 in.	27 inch SturdE Steel D	REXD24
FE35	3	7½ " x 12½ "	27 " " " "	REXD24
FS33	2	7¼ " x 12 "	27 inch Wood Split D	RSXD24
FS35	3	7½ " x 12½ "	27 " " " "	RSXD24
FL37	2	7¼ " x 12 "	50 inch Long Handle	RKLX46½
FL39	3	7½ " x 12½ "	50 " " "	RKLX46½

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — 16 Gauge Blades, X Grade Handles — *GAMECOCK*

E33B	2	7¼ in. x 12 in.	27 inch SturdE Steel D	REXDB24
E35B	3	7½ " x 12½ "	27 " " " "	REXDB24
S33B	2	7¼ " x 12 "	27 inch Wood Split D	RSXDB24
S35B	3	7½ " x 12½ "	27 " " " "	RSXDB24
L37B	2	7¼ " x 12 "	47 inch Long Handle	RLXB44½
L39B	3	7½ " x 12½ "	47 " " "	RLXB44½

GRADE C, CARBON STEEL, NOT HEAT TREATED

BADGER — 16 Gauge Blades, No. 1 Grade Handles — *BADGER*

E33C	2	7¼ in. x 12 in.	27 inch SturdE Steel D	RE1DB24
S33C	2	7¼ " x 12 "	27 inch Wood Split D	RS1DB24
L37C	2	7¼ " x 12 "	47 inch Long Handle	RL1B44½

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 4 inches—Handle Lift, 11 inches.
Long Handle—Blade Lift, 3¾ inches—Handle Lift, 18 inches.

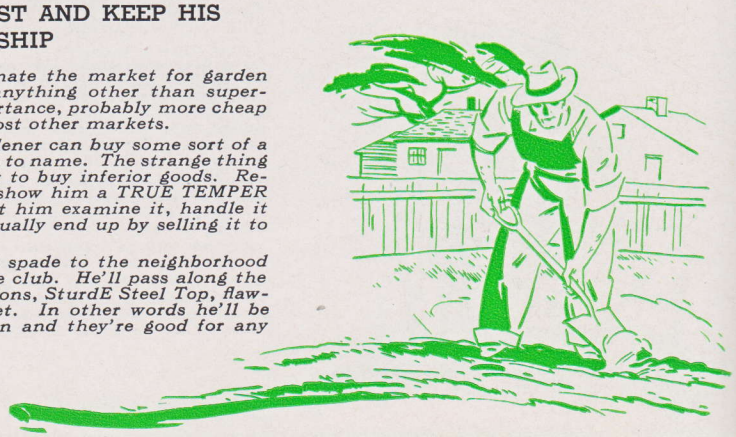
For Special Lifts See Page 67

SELL A MAN THE BEST AND KEEP HIS FRIENDSHIP

It would be impossible to estimate the market for garden spades or to describe it with anything other than superlatives. And because of its importance, probably more cheap tools are offered here than to most other markets.

Spades are no exception. A gardener can buy some sort of a spade at most any price he wants to name. The strange thing about it is that he doesn't want to buy inferior goods. Retailers who take the trouble to show him a TRUE TEMPER spade, point out its features, let him examine it, handle it and test its fine balance, will usually end up by selling it to him.

The fellow will brag about that spade to the neighborhood and to his rival gardeners at the club. He'll pass along the word about one piece constructions, SturdE Steel Top, flawlessly smooth handle and socket. In other words he'll be another TRUE TEMPER fan and they're good for any business.



GRAFTING SPADES

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

BULL DOG — **14 Gauge Blades, XX Grade Handles** — *MASTIFF*

List No.	Size No.	Blade Description		Handle Description	Right Repair Handle No.
BDE91	2	6 in. x 7 in. x 12½ in.	Tapered Point	27 in. SturdE Steel D	REXXD24
BDE93	2	7 " x 12½ "	Wide "	27 " " " "	REXXD24
BDS91	2	6 in. x 7 " x 12½ "	Tapered "	27 in. Wood Split D	RSXXD24
BDS93	2	7 " x 12½ "	Wide "	27 " " " "	RSXXD24
BDL91	2	6 in. x 7 " x 12½ "	Tapered "	50 in. Long Handle	RKLXX46½
BDL93	2	7 " x 12½ "	Wide "	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, X Grade Handles** — *WOLF*

FE91	2	6 in. x 7½ in. x 12 in.	Tapered Point	27 in. SturdE Steel D	REXD24
FE93	2	7 " x 12½ "	Wide "	27 " " " "	REXD24
FS91	2	6 in. x 7½ " x 12 "	Tapered "	27 in. Wood Split D	RSXD24
FS93	2	7 " x 12½ "	Wide "	27 " " " "	RSXD24
FL91	2	6 in. x 7½ " x 12 "	Tapered "	50 in. Long Handle	RKLX46½
FL93	2	7 " x 12½ "	Wide "	50 " " "	RKLX46½

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown. Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle —Blade Lift, 3½ inches —Handle Lift, 8¼ inches.
Long Handle —Blade Lift, 3¼ inches —Handle Lift, 17 inches.

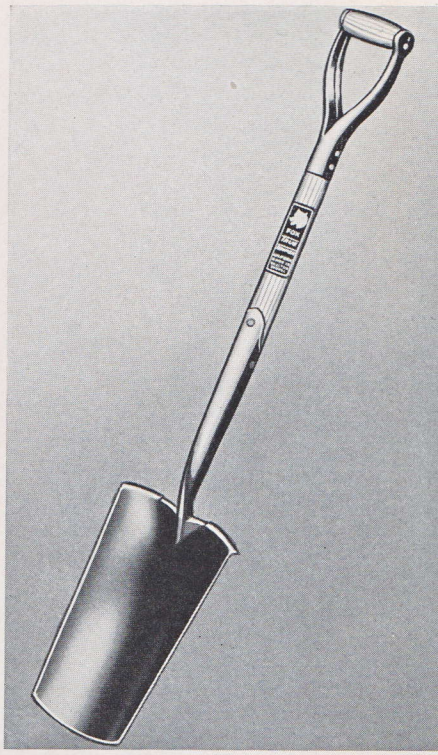
For Special Lifts See Page 67

SOMETIMES A SPADE HAS TO DOUBLE FOR A CROWBAR

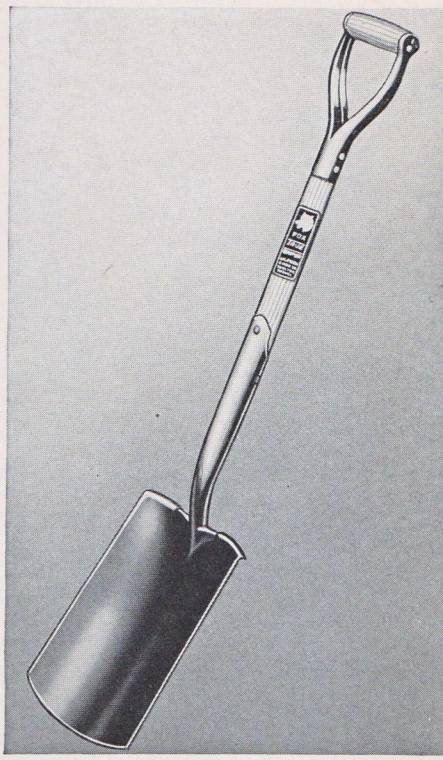
Digging up trees and shrubbery for transplanting frequently calls for a good deal of prying to loosen stubborn roots. You can depend upon it that the prying is going to be done with the spade the workman has in his hand.

Naturally the tool must be exceptionally strong to withstand repeated application of such leverage. At the same time it is expected to be a good digging tool, light, well balanced and with a good cutting edge. In service of this sort TRUE TEMPER one piece solid shank spades excel.

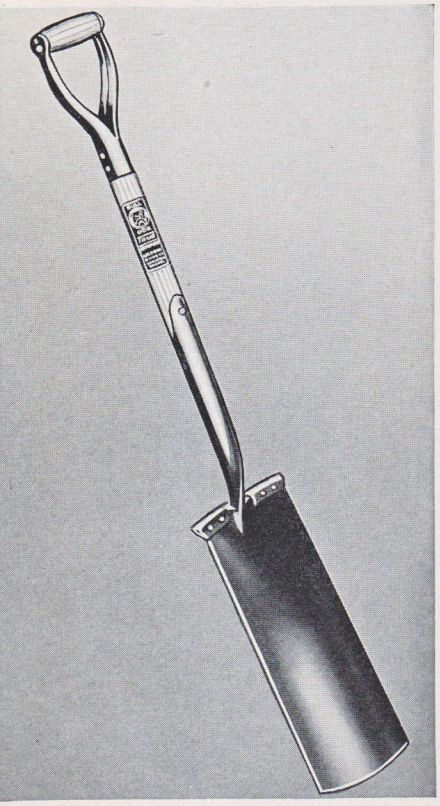
Blade and shank resist bending, yet are practically unbreakable. Sometimes the wood handle will break but if it does it is very easily replaced. Handle replacement is another very important merchandising feature of these spades, one that will bear a little talking about on the part of the dealer.



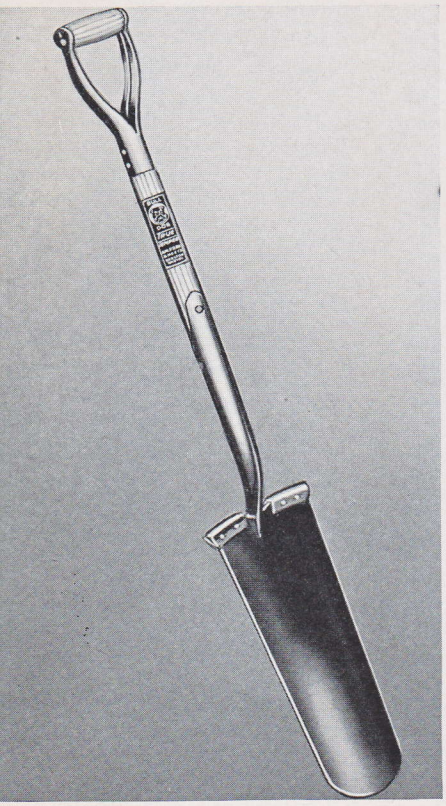
Cat. No. FE91
One Piece, Forged, Solid Shank, Socket Pattern, Tapered Point Grafting Spade, Size #2, with SturdE Steel D Type Handle.



Cat. No. FE93
One Piece, Forged, Solid Shank, Socket Pattern, Wide Point Grafting Spade, Size #2, with SturdE Steel D Type Handle.



Cat. No. BE60
One Piece, Forged, Solid Shank, Socket Pattern, Post Spade with 16 inch Blade and SturdE Steel D Type Handle.



Cat. No. BE54
One Piece, Forged, Solid Shank, Socket Pattern, Drain Spade with 16 inch Blade and SturdE Steel D Type Handle.

POST AND DRAIN SPADES

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — *BULL DOG* — **Conneaut Brands** — *MASTIFF*

14 Gauge Blades, XX Grade Handles

POST (or Ditch) SPADES

List No.	Size No.	Point	Shoulder	Handle Description	Right Repair Handle No.
BE58	14 inch	6 1/8 in.	5 1/2 in.	27 inch SturdE Steel D	REXXD24
BE60	16 inch	6 1/4 "	5 1/2 "	27 " " " "	REXXD24
BE62	18 inch	6 3/8 "	5 1/2 "	27 " " " "	REXXD24
BS58	14 inch	6 1/8 "	5 1/2 "	27 inch Wood Split D	RSXXD24
BS60	16 inch	6 1/4 "	5 1/2 "	27 " " " "	RSXXD24
BS62	18 inch	6 3/8 "	5 1/2 "	27 " " " "	RSXXD24

DRAIN SPADES

BE52	14 inch	4 3/8 in.	5 1/2 in.	27 inch SturdE Steel D	REXXD24
BE54	16 inch	4 1/4 "	5 1/2 "	27 " " " "	REXXD24
BE56	18 inch	4 "	5 1/2 "	27 " " " "	REXXD24
BS52	14 inch	4 3/8 "	5 1/2 "	27 inch Wood Split D	RSXXD24
BS54	16 inch	4 1/4 "	5 1/2 "	27 " " " "	RSXXD24
BS56	18 inch	4 "	5 1/2 "	27 " " " "	RSXXD24

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, X Grade Handles** — *WOLF*

POST (or Ditch) SPADES

FE58	14 inch	6 1/8 in.	5 1/2 in.	27 inch SturdE Steel D	REXD24
FE60	16 inch	6 1/4 "	5 1/2 "	27 " " 3/4 " "	REXD24
FE62	18 inch	6 3/8 "	5 1/2 "	27 " " " "	REXD24
FS58	14 inch	6 1/8 "	5 1/2 "	27 inch Wood Split D	RSXD24
FS60	16 inch	6 1/4 "	5 1/2 "	27 " " " "	RSXD24
FS62	18 inch	6 3/8 "	5 1/2 "	27 " " " "	RSXD24

DRAIN SPADES

FE52	14 inch	4 3/8 in.	5 1/2 in.	27 inch SturdE Steel D	REXD24
FE54	16 inch	4 1/4 "	5 1/2 "	27 " " " "	REXD24
FE56	18 inch	4 "	5 1/2 "	27 " " " "	REXD24
FS52	14 inch	4 3/8 "	5 1/2 "	27 inch Wood Split D	RSXD24
FS54	16 inch	4 1/4 "	5 1/2 "	27 " " " "	RSXD24
FS56	18 inch	4 "	5 1/2 "	27 " " " "	RSXD24

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.

STANDARD LIFTS

14 inch Blade Lift 2 1/2 inches—Handle Lift 5 1/2 inches.
16 inch Blade Lift 2 5/8 inches—Handle Lift 5 1/2 inches.
18 inch Blade Lift 3 inches—Handle Lift 5 3/4 inches.

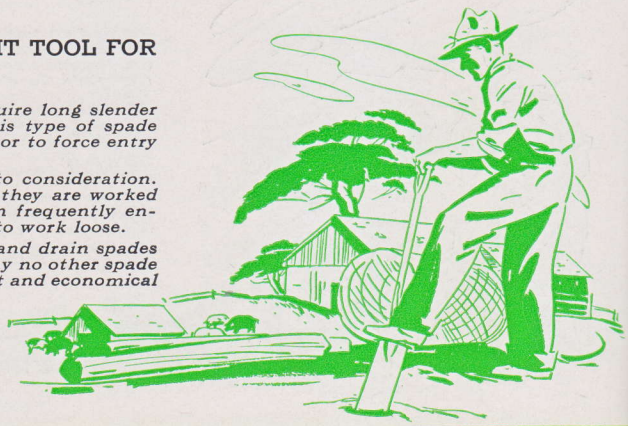
For Special Lifts See Page 67

SELL YOUR CUSTOMER THE RIGHT TOOL FOR HIS WORK

Digging post holes and cleaning drains require long slender bladed tools with good cutting edges. This type of spade needs a good wide step to permit the operator to force entry with his foot.

And here again leverage must be taken into consideration. There is very little lift to such spades but they are worked back and forward by fairly husky workmen frequently encountering stones which they are expected to work loose.

TRUE TEMPER one piece solid shank post and drain spades meet such requirements exactly. That is why no other spade on the market quite equals these for efficient and economical service in this type of work.



BALLING SPADES

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

BULL DOG — **14 Gauge Blades, XX Grade Handles** — *MASTIFF*

List No.	Size No.	Point	Shoulder		Handle Description	Right Repair Handle No.
BE558	14 in.	5½ in.	5⅜ in.	Straight	27 in. SturdE Steel D	REXXD24
BE560	15 in.	5⅝ "	5⅜ "	"	27 " " " "	REXXD24
BE562	16 in.	5¾ "	5⅜ "	"	27 " " " "	REXXD24
BS558	14 in.	5½ "	5⅜ "	"	27 in. Wood Split D	RSXXD24
BS560	15 in.	5⅝ "	5⅜ "	"	27 " " " "	RSXXD24
BS562	16 in.	5¾ "	5⅜ "	"	27 " " " "	RSXXD24
BE552	14 in.	4¾ "	5½ "	Tapered	27 in. SturdE Steel D	REXXD24
BE554	15 in.	4⅝ "	5½ "	"	27 " " " "	REXXD24
BE556	16 in.	4½ "	5½ "	"	" " " "	REXXD24
BS552	14 in.	4¾ "	5½ "	"	27 in. Wood Split D	RSXXD24
BS554	15 in.	4⅝ "	5½ "	"	27 " " " "	RSXXD24
BS556	16 in.	4½ "	5½ "	"	27 " " " "	RSXXD24

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, X Grade Handles** — *WOLF*

FE558	14 in.	5½ in.	5⅜ in.	Straight	27 in. SturdE Steel D	REXD24
FE560	15 in.	5⅝ "	5⅜ "	"	27 " " " "	REXD24
FE562	16 in.	5¾ "	5⅜ "	"	27 " " " "	REXD24
FS558	14 in.	5½ "	5⅜ "	"	27 in. Wood Split D	RSXD24
FS560	15 in.	5⅝ "	5⅜ "	"	27 " " " "	RSXD24
FS562	16 in.	5¾ "	5⅜ "	"	27 " " " "	RSXD24
FE552	14 in.	4¾ "	5½ "	Tapered	27 in. SturdE Steel D	REXD24
FE554	15 in.	4⅝ "	5½ "	"	27 " " " "	REXD24
FE556	16 in.	4½ "	5½ "	"	27 " " " "	REXD24
FS552	14 in.	4¾ "	5½ "	"	27 in. Wood Split D	RSXD24
FS554	15 in.	4⅝ "	5½ "	"	27 " " " "	RSXD24
FS556	16 in.	4½ "	5½ "	"	27 " " " "	RSXD24

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — **16 Gauge Blades, X Grade Handles** — *GAMECOCK*

E558B	14 in.	5½ in.	5⅜ in.	Straight	27 in. SturdE Steel D	REXD24
E560B	15 in.	5⅝ "	5⅜ "	"	27 " " " "	REXD24
E562B	16 in.	5¾ "	5⅜ "	"	27 " " " "	REXD24
S558B	14 in.	5½ "	5⅜ "	"	27 in. Wood Split D	RSXD24
S560B	15 in.	5⅝ "	5⅜ "	"	27 " " " "	RSXD24
S562B	16 in.	5¾ "	5⅜ "	"	27 " " " "	RSXD24
E552B	14 in.	4¾ "	5½ "	Tapered	27 in. SturdE Steel D	REXD24
E554B	15 in.	4⅝ "	5½ "	"	27 " " " "	REXD24
E556B	16 in.	4½ "	5½ "	"	27 " " " "	REXD24
S552B	14 in.	4¾ "	5½ "	"	27 in. Wood Split D	RSXD24
S554B	15 in.	4⅝ "	5½ "	"	27 " " " "	RSXD24
S556B	16 in.	4½ "	5½ "	"	27 " " " "	RSXD24

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

14 inch—Blade Lift 1½ inches—Handle Lift 3¼ inches.
15 inch—Blade Lift 1½ inches—Handle Lift 3¼ inches.
16 inch—Blade Lift 1½ inches—Handle Lift 3¼ inches.

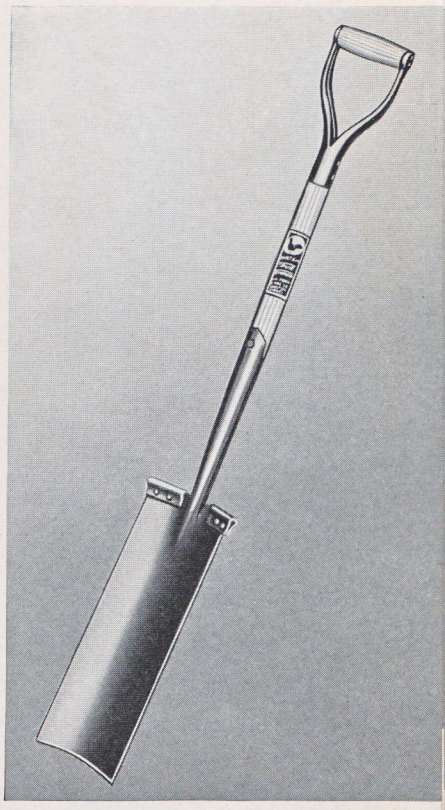
For Special Lifts See Page 67

TRUE TEMPER SPECIALIZATION AN IMPORTANT FEATURE

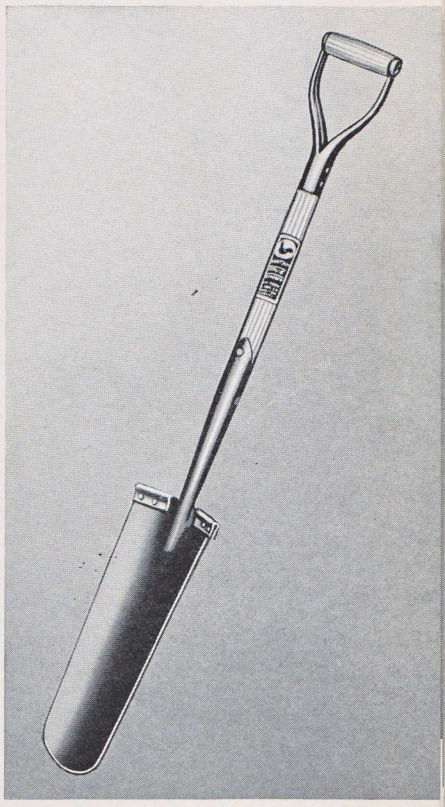
Balling dirt about the roots of young orange or citrus trees' shrubbery and berry plants for efficient transplanting requires a high degree of knowledge and skill. Men who specialize in such work demand the right tools to work with.

TRUE TEMPER one piece solid shank balling spades are designed for that purpose. Supplied with long slender blades, straight or tapered as desired, curved exactly right to hold dirt and with an almost straight shank, these spades are most efficient in use.

They are stepped to aid entry and their one piece blade, shank and socket forged from special steel insures ample strength. The SturdE Steel D Top which gives comfortable hand grip and the facility of rehandling when necessary are additional features the distributor should bear in mind.



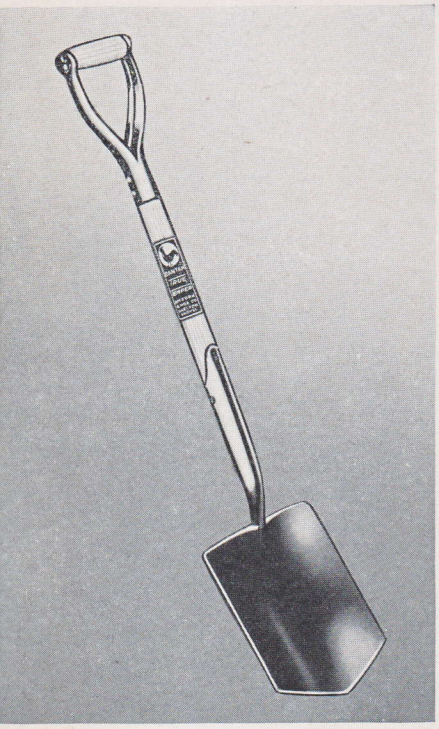
Cat. No. E562B
One Piece, Forged, Solid Shank, Socket Pattern, Balling Spade with 16 inch Straight Blade and SturdE Steel D Type Handle.



Cat. No. E556B
One Piece, Forged, Solid Shank, Socket Pattern, Balling Spade with 16 inch Tapered Blade and SturdE Steel D Type Handle.

Cat. No. E80B

One Piece, Forged, Solid Shank, Socket Pattern, Small Lightweight Spade, Size 0 fitted with SturdE Steel D Type Handle.



Cat. No. E81B

One Piece, Forged, Solid Shank, Socket Pattern, Ladies' Garden Spade, Size 0 fitted with SturdE Steel D Type Handle.

LADIES' GARDEN SPADES

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

BULL DOG — **15 Gauge Blades, XX Grade Handles** — *MASTIFF*

List No.	Size No.	Blade Description*		Handle Description	Right Repair Handle No.
BE80	0	4½ in. x 5¼ in. x 11½ in.	Curved Narrow	27 in. SturdE Steel D	REXXD24
BE81	0	7 " x 7 " x 10½ "	Flat	27 " " " "	REXXD24
BS80	0	4½ " x 5¼ " x 11½ "	Curved Narrow	27 in. Wood Split D	RSXXD24
BS81	0	7 " x 7 " x 10½ "	Flat	27 " " " "	RSXXD24
BL80	0	4½ " x 5¼ " x 11½ "	Curved Narrow	40 in. Long Handle	RLXX38
BL81	0	7 " x 7 " x 10½ "	Flat	40 " " "	RLXX38

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, X Grade Handles** — *WOLF*

FE80	0	4½ in. x 5¼ in. x 11½ in.	Curved Narrow	27 in. SturdE Steel D	REXD24
FE81	0	7 " x 7 " x 10½ "	Flat	27 " " " "	REXD24
FS80	0	4½ " x 5¼ " x 11½ "	Curved Narrow	27 in. Wood Split D	RSXD24
FS81	0	7 " x 7 " x 10½ "	Flat	27 " " " "	RSXD24
FL80	0	4½ " x 5¼ " x 11½ "	Curved Narrow	40 in. Long Handle	RLX38
FL81	0	7 " x 7 " x 10½ "	Flat	40 " " "	RLX38

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — **16 Gauge Blades, X Grade Handles** — *GAMECOCK*

E80B	0	4½ in. x 5¼ in. x 11½ in.	Curved Narrow	27 in. SturdE Steel D	REXDB24
E81B	0	7 " x 7 " x 10½ "	Flat	27 " " " "	REXDB24
S80B	0	4½ " x 5¼ " x 11½ "	Curved Narrow	27 in. Wood Split D	RSXDB24
S81B	0	7 " x 7 " x 10½ "	Flat	27 " " " "	RSXDB24
L80B	0	4½ " x 5¼ " x 11½ "	Curved Narrow	40 in. Long Handle	RLX38B
L81B	0	7 " x 7 " x 10½ "	Flat	40 " " "	RLX38B

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Flat Blade Spades shown on this page will be furnished with Round Point when specified. If wanted with Round Point Blade add Letter R to end of List Number when ordering.

*Under Blade Description First Figures Denote Width at Point, Second Figures Width at Shoulder and Third Figures Length of Blade.

STANDARD LIFTS

Curved Blade—Blade Lift, 2 inches—Handle Lift, 6 inches.
Flat Blade—Blade Lift, 3 inches—Handle Lift 10½ inches.

For Special Lifts See Page 67

THE RETAILER WILL FIND THESE GOOD SELLERS

Women like to work in the yard. They love to fuss with flowers, set out shrubbery and transplant bushes. This characteristic has created an important market for smaller and lighter spades and shovels of this type. With blade and shank forged from one piece of steel, fitted with high grade handle and SturdE Steel D Top, these are efficient digging tools and not toys in any sense.

Their use is by no means confined to the women. Men like them for certain types of jobs that come up from time to time. Since they are small enough to carry in the trunk of a car they make good tools to take along on the camping or motoring trip.

In fact there are so many handy uses for these small TRUE TEMPER spades and shovels that the retailer who fails to carry them and give them a good display is overlooking some nice business.

LADIES' AND AUTO SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

BULL DOG — 15 Gauge Blades, XX Grade Handles — *MASTIFF*

LADIES' SHOVELS

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BL00	00	7 in. x 9½ in.	40 inch Long Handle	RLXX38
BE00	00	7 " x 9½ "	27 inch SturdE Steel D	REXXDB24
BS00	00	7 " x 9½ "	27 inch Wood Split D	RSXXDB24

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

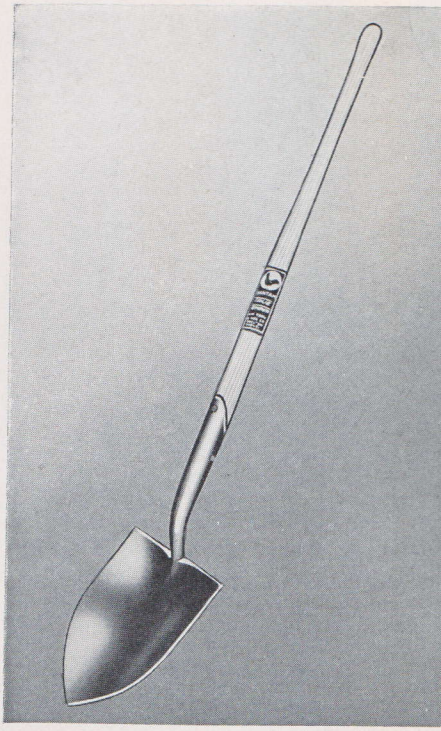
FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FL00	00	7 in. x 9½ in.	40 inch Long Handle	RLX38
FED00	00	7 " x 9½ "	27 inch SturdE Steel D	REXDB24
FSD00	00	7 " x 9½ "	27 inch Wood Split D	RSXDB24

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — 16 Gauge Blades, X Grade Handles — *GAMECOCK*

L00B	00	7 in. x 9½ in.	40 inch Long Handle	RLX38
ED00B	00	7 " x 9½ "	27 inch SturdE Steel D	REXDB24
SD00B	00	7 " x 9½ "	27 inch Wood Split D	RSXDB24



Cat. No. L00B

One Piece, Forged, Solid Shank, Socket Pattern Type Ladies' Shovel, Size 00, with 40 inch Long Handle.

AUTO OR CAMPERS' SHOVELS

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

BULL DOG — 15 Gauge Blades, XX Grade Handles — *MASTIFF*

BE97	00	7 in. x 9½ in.	20½ inch SturdE Steel D	REXXDA18
BS97	00	7 " x 9½ "	20½ inch Wood Split D	RSXXDA18

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FE97	00	7 in. x 9½ in.	20½ inch SturdE Steel D	REXDA18
FS97	00	7 " x 9½ "	20½ inch Wood Split D	RSXDA18

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — 16 Gauge Blades, X Grade Handles — *GAMECOCK*

E97B	00	7 in. x 9½ in.	20½ inch SturdE Steel D	REXDA18
S97B	00	7 " x 9½ "	20½ inch Wood Split D	RSXDA18

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

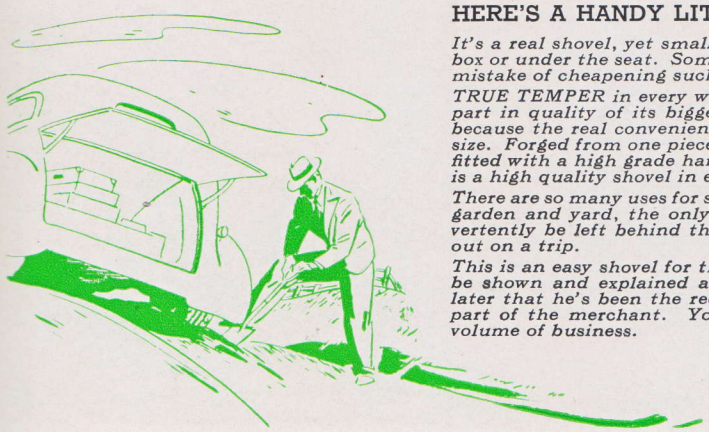
STANDARD LIFTS

Ladies' Shovels, Long Handle —Blade Lift, 5 inches —Handle Lift, 25 inches.
Ladies' Shovels, D Handle —Blade Lift, 5 inches —Handle Lift, 16½ inches.
Auto Shovels, D Handle —Blade Lift, 3¼ inches —Handle Lift, 10 inches.

For Special Lifts See Page 67

Cat. No. E97B

One Piece, Forged, Solid Shank, Socket Pattern Type Auto Shovel, Size 00 with SturdE Steel D Type Handle.



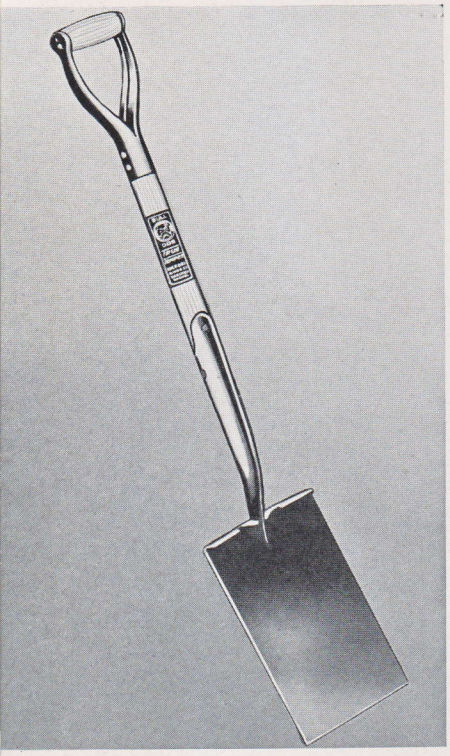
HERE'S A HANDY LITTLE TRUE TEMPER TOOL

It's a real shovel, yet small enough to be carried in the tool box or under the seat. Some manufacturers might make the mistake of cheapening such a tool.

TRUE TEMPER in every way, this little shovel is a counterpart in quality of its bigger brothers, differing only in size because the real convenience of such a tool lies in its small size. Forged from one piece of special steel and heat treated, fitted with a high grade handle and SturdE Steel D Top, this is a high quality shovel in every respect.

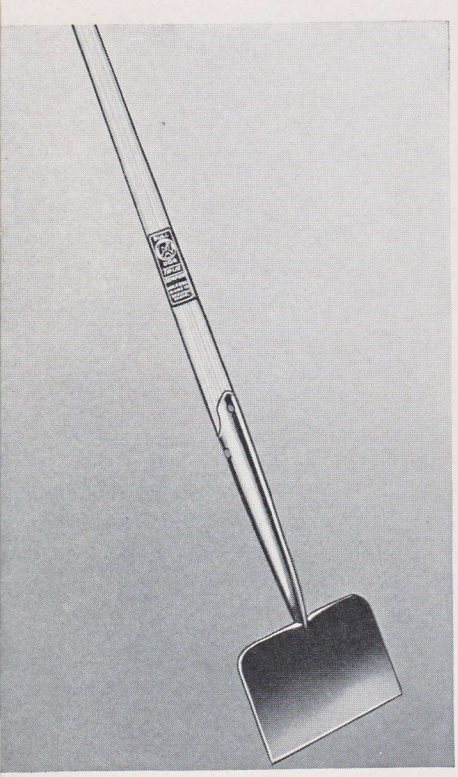
There are so many uses for such a tool. It is handy around the garden and yard, the only danger being that it may inadvertently be left behind the next time the family car starts out on a trip.

This is an easy shovel for the dealer to sell. It needs only to be shown and explained and every buyer thinks sooner or later that he's been the recipient of a genuine favor on the part of the merchant. You can push this one into a nice volume of business.



Cat. No. BDE980

One Piece, Forged, Solid Shank, Socket Pattern, Tamping Spade, Size #2, with Forged Turned Step and SturdE Steel D Type Handle.



Cat. No. BDL9

One Piece, Forged, Solid Shank, Socket Pattern, Sidewalk Scraper, Size #4, with 50 inch Long Handle.

TAMPING SPADES AND SIDEWALK SCRAPERS

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — Conneaut Brands

BULL DOG — 13 Gauge Blades, XX Grade Handles — *MASTIFF*

RAILROAD TAMPING SPADES

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDE980	2	7¼ in. x 12 in. Forward Turned Step	27 in. SturdE Steel D	REXXD24
BDS980	2	7¼ " x 12 " " " "	27 inch Wood Split D	RSXXD24
BDL980	2	7¼ " x 12 " " " "	50 inch Long Handle	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 13 Gauge Blades, X Grade Handles — *WOLF*

FE980	2	7¼ in. x 12 in. Forward Turned Step	27 inch SturdE Steel D	REXD24
FS980	2	7¼ " x 12 " " " "	27 inch Wood Split D	RSXD24
FL980	2	7¼ " x 12 " " " "	50 inch Long Handle	RKLX46½

SIDEWALK SCRAPERS

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

BDL9	6 in. x 8½ in.	50 inch Long Handle	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — 15 Gauge Blades, X Grade Handles — *WOLF*

FL9	6 in. x 8½ in.	50 inch Long Handle	RKLX46½

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — 16 Gauge Blades, X Grade Handles — *GAMECOCK*

L9B	6 in. x 8½ in.	47 inch Long Handle	RLXB44½

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Numbers Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

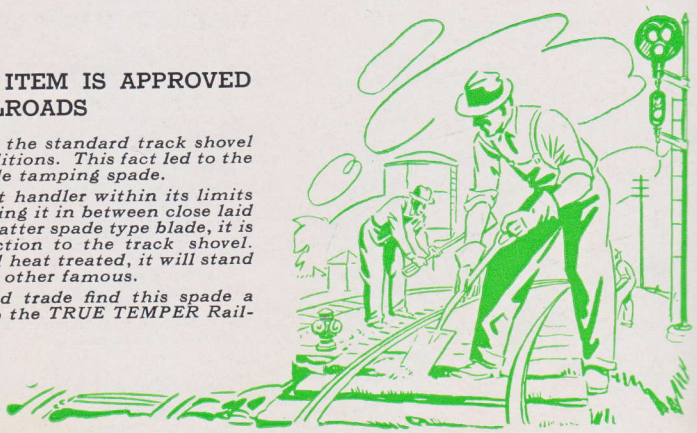
Tamping Spades, D Handle —Blade Lift, 3 inches —Handle Lift, 2 inches.
Tamping Spades, Long Handle —Blade Lift, 3 inches —Handle Lift, 12½ inches.
Sidewalk Scraper —No Blade Lift —No Handle Lift.

ANOTHER TRUE TEMPER ITEM IS APPROVED BY THE RAILROADS

Narrow spacing of ties eliminates the standard track shovel as a tamping tool under such conditions. This fact led to the designing of a special narrow blade tamping spade.

Here is a tool which is a good dirt handler within its limits but is particularly useful for packing it in between close laid ties. Except for its narrower and flatter spade type blade, it is identical in principle of construction to the track shovel. Forged from one piece of steel and heat treated, it will stand all the tests which have made the other famous.

Distributors who sell the railroad trade find this spade a natural and profitable addition to the TRUE TEMPER Railroad Shovel Line.



IOWA (Round Pointed) PATTERN AND VATERLAND (Diamond Pointed) PATTERN SPADES

One Piece, Forged, Solid Shank, Socket Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — **Conneaut Brands**

BULL DOG — **14 Gauge Blades, XX Grade Handles** — *MASTIFF*

List No.	Size No.	Blade Description*	Handle Description	Right Repair Handle No.
BDE63	2	6 in. x 5¾ in. x 12½ in. Round Point	30 in. SturdE Steel D	REXXD27
BDE63V	2	6 " x 5¾ " x 12½ " Diamond "	30 " " " "	REXXD27
BDS63	2	6 " x 5¾ " x 12½ " Round "	30 in. Wood Split D	RSXXD27
BDS63V	2	6 " x 5¾ " x 12½ " Diamond "	30 " " " "	RSXXD27
BDL67	2	6 " x 5¾ " x 12½ " Round "	50 in. Long Handle	RKLXX46½
BDL67V	2	6 " x 5¾ " x 12½ " Diamond "	50 " " "	RKLXX46½

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

FOX — **15 Gauge Blades, X Grade Handles** — *WOLF*

FE 63	2	6 in. x 5¾ in. x 12½ in. Round Point	30 in. SturdE Steel D	REXD27
FE63V	2	6 " x 5¾ " x 12½ " Diamond "	30 " " " "	REXD27
FS63	2	6 " x 5¾ " x 12½ " Round "	30 in. Wood Split D	RSXD27
FS63V	2	6 " x 5¾ " x 12½ " Diamond "	30 " " " "	RSXD27
FL67	2	6 " x 5¾ " x 12½ " Round "	50 in. Long Handle	RKLX46½
FL67V	2	6 " x 5¾ " x 12½ " Diamond "	50 " " "	RKLX46½

GRADE B, LIGHT WEIGHT, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — **16 Gauge Blades, X Grade Handles** — *GAMECOCK*

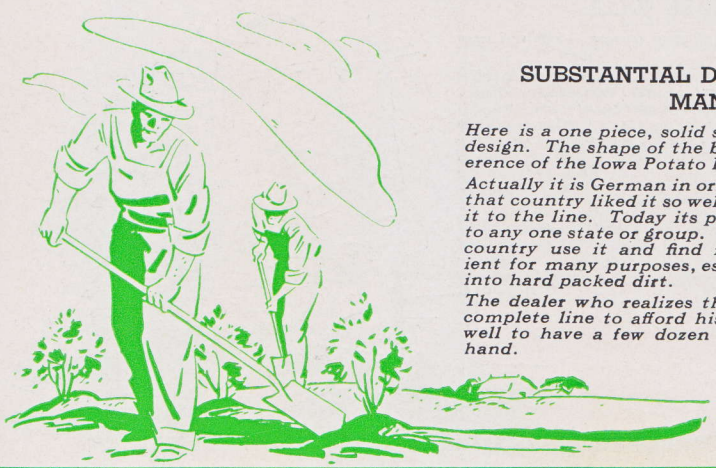
E63B	2	6 in. x 5¾ in. x 12½ in. Round Point	30 in. SturdE Steel D	REXB27
E63BV	2	6 " x 5¾ " x 12½ " Diamond "	30 " " " "	REXB27
S63B	2	6 " x 5¾ " x 12½ " Round "	30 in. Wood Split D	RSXB27
S63BV	2	6 " x 5¾ " x 12½ " Diamond "	30 " " " "	RSXB27
E67B	2	6 " x 5¾ " x 12½ " Round "	47 in. Long Handle	RLXB44½
E67BV	2	6 " x 5¾ " x 12½ " Diamond "	47 " " "	RLXB44½

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

*Under Blade Description First Figures Denote Width at Point, Second Figures Width at Shoulder and Third Figures Length of Blade.

STANDARD LIFTS
D Handle —Blade Lift, 1 inch —Handle Lift, 6 inches.
Long Handle —Blade Lift, 1 inch —Handle Lift, 7 inches.

For Special Lifts See Page 67

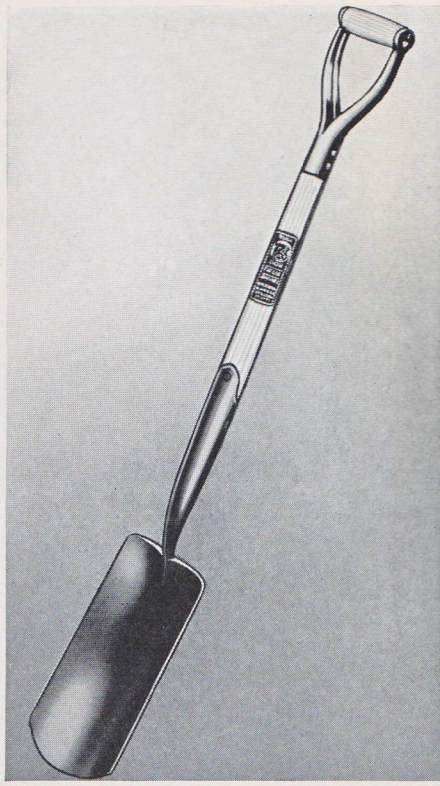


SUBSTANTIAL DEMAND ESTABLISHES MANY ITEMS

Here is a one piece, solid shank spade of somewhat unusual design. The shape of the blade is so because it met the preference of the Iowa Potato Farmers and Gardeners.

Actually it is German in origin and farming immigrants from that country liked it so well that the demand justified adding it to the line. Today its popularity is by no means confined to any one state or group. Farmers and gardeners all over the country use it and find its blade shape uniquely convenient for many purposes, especially because of its ready entry into hard packed dirt.

The dealer who realizes the value of stocking a sufficiently complete line to afford his trade a wide selection would do well to have a few dozen TRUE TEMPER Iowa Spades on hand.

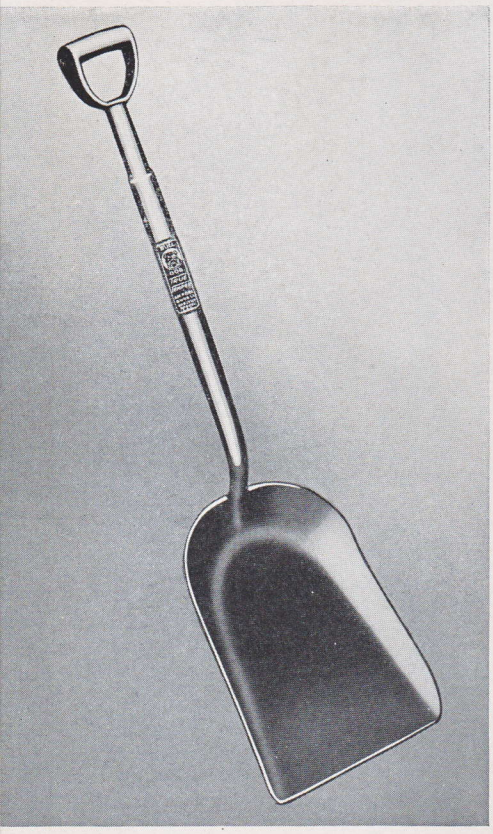


Cat. No. BDE63

One Piece, Forged, Solid Shank, Socket Pattern, Iowa Pattern Round Pointed Spade, Size #2, with SturdE Steel D Type Handle.

Cat. No. BDL67V

One Piece, Forged, Solid Shank, Socket Pattern, Vaterland Pattern Diamond Pointed Spade, Size #2, with 50 inch Long Handle.



Cat No. BDMO11¼
One Piece, Forged, Solid Shank, Socket Pattern, Meat Packers Scoop, Size #3, with 28 inch All Steel Handle and Grip.

Cat. No. 10B¼
One Piece, Forged, Solid Shank, Socket Pattern, Meat Packers Shovel, Size #2, with Wood D Type Handle.

MEAT PACKERS' SCOOPS AND SHOVELS

One Piece, Forged, Solid Shank, Socket Pattern

MEAT PACKERS' SCOOP

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands — Conneaut Brands

BULL DOG — 14 Gauge Blades, XX Grade Handles — *MASTIFF*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDO9¼	2	9⅞ in. x 13 in.	27 inch Wood D	RWZXX
BDO11¼	3	11½ " x 15½ "	27 " " "	RWZXX
BDMO9¼	2	9⅞ " x 13 "	28 inch All Steel	Not Made
BDMO11¼	3	11½ " x 15½ "	28 " " "	" "

MEAT PACKERS' SHOVEL

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

BANTAM — 16 Gauge Blades, X Grade Handles — *GAMECOCK*

10B¼	2	9¾ in. x 12 in.	27 inch Wood D	RWZX
10BM¼	2	9¾ " x 12 "	27 inch All Steel D	Not Made

Furnished With Tumbled Finish Blades Only.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

Meat Packers' Scoops —with All Steel Handles —Blade Lift 6 inches; Handle Lift 16 inches
Meat Packers' Scoops —with Wood D Handles —Blade Lift 6 inches; Handle Lift 16 inches
Meat Packers' Shovels —with All Steel Handles —Blade Lift 6¼ inches; Handle Lift 17 inches
Meat Packers' Shovels —with Wood D Handles —Blade Lift 6¼ inches; Handle Lift 17 inches

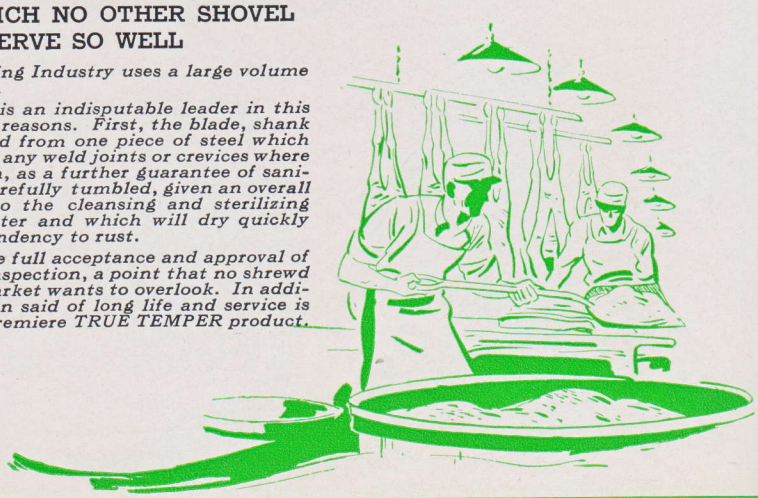
For Special Lifts See Page 67

A MARKET WHICH NO OTHER SHOVEL CAN SERVE SO WELL

The great Meat Packing Industry uses a large volume of shovels and scoops.

The TRUE TEMPER is an indisputable leader in this field for a number of reasons. First, the blade, shank and handle are forged from one piece of steel which absolutely eliminates any weld joints or crevices where bacteria thrive. Then, as a further guarantee of sanitation, the tool is carefully tumbled, given an overall surface susceptible to the cleansing and sterilizing effect of scalding water and which will dry quickly thus obviating the tendency to rust.

This shovel enjoys the full acceptance and approval of the U. S. Bureau of Inspection, a point that no shrewd distributor to this market wants to overlook. In addition, all that has been said of long life and service is equally true of this premiere TRUE TEMPER product.



POTATO OR ICE SCOOPS

For Handling Potatoes or Crushed Ice

One Piece, Forged, Solid Shank, Socket Pattern
With Slotted Blades

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Skelton Brands				Conneaut Brands
BULL DOG		14 Gauge Blades		*MASTIFF*
List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
BDM112¼	3	11½ in. x 15½ in.	28 inch All Steel with Malleable D	Not Made
BDW112¼	3	11½ " x 15½ "	27 inch Old Style Wood D Handle	RWZXX

No. BDW112¼ Fitted with XX Grade Handles.

Furnished with Tumbled Finish Blades Only.

Handle and Socket on All Steel Type are Full Polished.

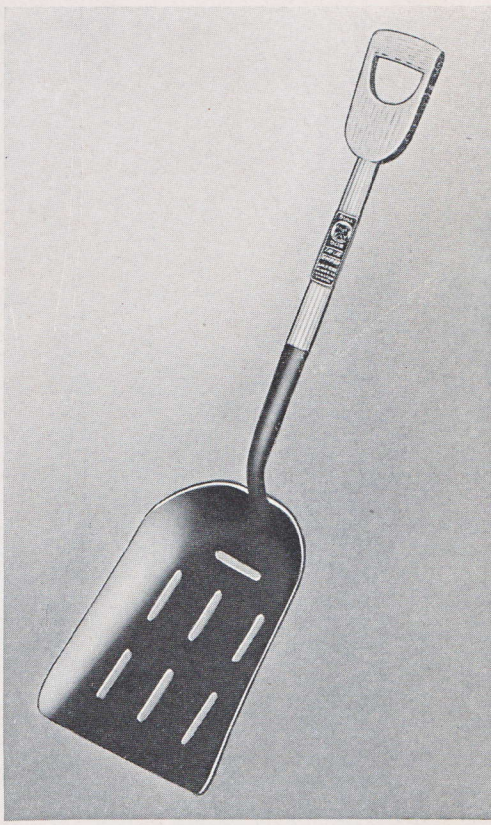
Sockets Only Polished on Wood D Type.

STANDARD LIFTS

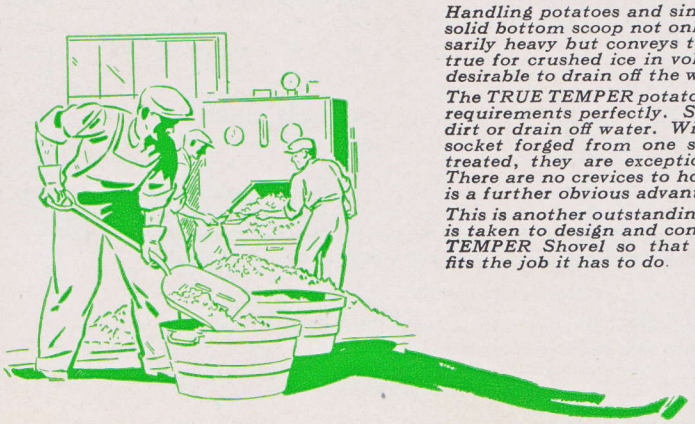
Blade Lift 6 inches—Handle Lift 16 inches.

For Special Lifts See Page 67

Cat. No. BDM112¼
One Piece, Forged, Solid Shank, Socket Pattern, Potato (or Ice) Scoop, Size #3, with All Steel Handle and Grip.



Cat. No. BDW112¼
One Piece, Forged, Solid Shank, Socket Pattern, Potato (or Ice) Scoop, Size #3, with Wood D Handle.

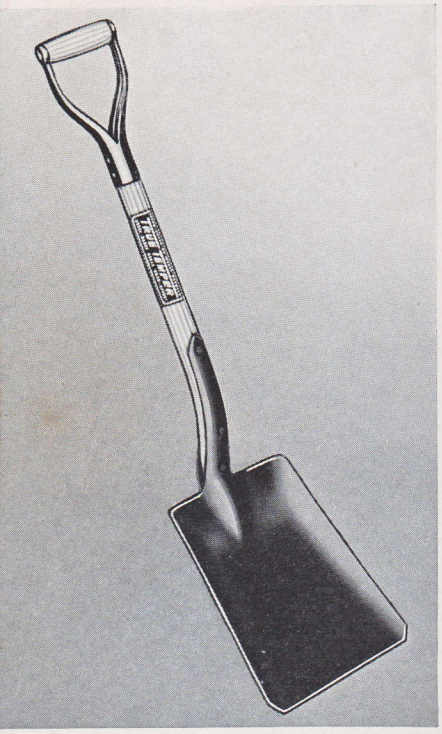


ANOTHER SPECIALLY DESIGNED SHOVEL FOR SPECIAL USE

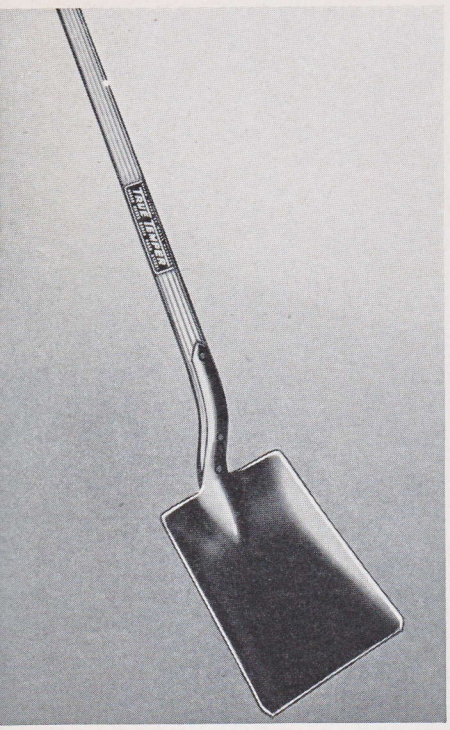
Handling potatoes and similar bulk vegetables with a solid bottom scoop not only makes the work unnecessarily heavy but conveys too much dirt. The same is true for crushed ice in volume operations where it is desirable to drain off the water.

The TRUE TEMPER potato and ice scoops answer these requirements perfectly. Slotted as they are, they sift dirt or drain off water. With blade, shank and handle socket forged from one solid bar of steel and heat treated, they are exceptionally strong and durable. There are no crevices to hold dirt and moisture which is a further obvious advantage.

This is another outstanding example of the care which is taken to design and construct each different TRUE TEMPER Shovel so that it specifically and uniquely fits the job it has to do.



Cat. No. E123
Plain Back, Strap Pattern, Standard Square Point Dirt Shovel, Size #2 with SturdE Steel D Type Handle.



Cat. No. X123
Plain Back, Strap Pattern, Standard Square Point Dirt Shovel, Size #2 with 51 inch Long Handle.

STANDARD SQUARE POINT SHOVELS

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — **XX Grade Handles** — *SKELTON SPECIAL AND KEYSTONE* — **Skelton Brands**

List No.	Size No.	Blade Description		Handle Description	Right Repair Handle No.
E123	2	9¾ in. x 11¾ in.	14 Gauge	27 inch SturdE Steel D	REXXP
E124	3	10¼ " x 12¼ "	" "	27 " " " "	REXXP
E125	4	10¾ " x 12¾ "	" "	27 " " " "	REXXP
E127	6	11¾ " x 13¾ "	15 Gauge	27 " " " "	REXXP
Y123	2	9¾ " x 11¾ "	14 Gauge	27 inch Wood Split D	RSXXP
Y124	3	10¼ " x 12¼ "	" "	27 " " " "	RSXXP
Y125	4	10¾ " x 12¾ "	" "	27 " " " "	RSXXP
Y127	6	11¾ " x 13¾ "	15 Gauge	27 " " " "	RSXXP
X123	2	9¾ " x 11¾ "	14 Gauge	51 inch Long Handle	R2X54
X124	3	10¼ " x 12¼ "	" "	51 " " "	R2X54
X125	4	10¾ " x 12¾ "	" "	51 " " "	R2X54
X127	6	11¾ " x 13¾ "	15 Gauge	51 " " "	R2X54

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — **X Grade Handles** — *CRESCENT*

BE123	2	9¾ in. x 11¾ in.	14 Gauge	27 inch SturdE Steel D	REXP
BE124	3	10¼ " x 12¼ "	" "	27 " " " "	REXP
BE125	4	10¾ " x 12¾ "	" "	27 " " " "	REXP
BE127	6	11¾ " x 13¾ "	15 Gauge	27 " " " "	REXP
BY123	2	9¾ " x 11¾ "	14 Gauge	27 inch Wood Split D	RSXP
BY124	3	10¼ " x 12¼ "	" "	27 " " " "	RSXP
BY125	4	10¾ " x 12¾ "	" "	27 " " " "	RSXP
BY127	6	11¾ " x 13¾ "	15 Gauge	27 " " " "	RSXP
BX123	2	9¾ " x 11¾ "	14 Gauge	51 inch Long Handle	R1X54
BX124	3	10¼ " x 12¼ "	" "	51 " " "	R1X54
BX125	4	10¾ " x 12¾ "	" "	51 " " "	R1X54
BX127	6	11¾ " x 13¾ "	15 Gauge	51 " " "	R1X54

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — **No. 1 Grade Handles** — *IMPERATOR*

CE123	2	9¾ in. x 11¾ in.	15 Gauge	27 inch SturdE Steel D	RE1P
CE124	3	10¼ " x 12¼ "	" "	27 " " " "	RE1P
CE125	4	10¾ " x 12¾ "	" "	27 " " " "	RE1P
CE127	6	11¾ " x 13¾ "	" "	27 " " " "	RE1P
CY123	2	9¾ " x 11¾ "	" "	27 inch Wood Split D	RS1P
CY124	3	10¼ " x 12¼ "	" "	27 " " " "	RS1P
CY125	4	10¾ " x 12¾ "	" "	27 " " " "	RS1P
CY127	6	11¾ " x 13¾ "	" "	27 " " " "	RS1P
CX123	2	9¾ " x 11¾ "	" "	51 inch Long Handle	R154
CX124	3	10¼ " x 12¼ "	" "	51 " " "	R154
CX125	4	10¾ " x 12¾ "	" "	51 " " "	R154
CX127	6	11¾ " x 13¾ "	" "	51 " " "	R154

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 19 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.
For Special Lifts See Page 67

STANDARD ROUND-POINT SHOVELS

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — **XX Grade Handles** — *SKELTON SPECIAL AND KEYSTONE* — **Skelton Brands**

List No.	Size No.	Blade Description		Handle Description	Right Repair Handle No.
E215	2	9 in. x 11¾ in.	14 Gauge	27 inch SturdE Steel D	REXXP
E216	3	9½ " x 12¼ "	" "	27 " " " "	REXXP
E217	4	10 " x 12¾ "	" "	27 " " " "	REXXP
E219	6	11 " x 13¾ "	15 Gauge	27 " " " "	REXXP
Y215	2	9 " x 11¾ "	14 Gauge	27 inch Wood Split D	RSXXP
Y216	3	9½ " x 12¼ "	" "	27 " " " "	RSXXP
Y217	4	10 " x 12¾ "	" "	27 " " " "	RSXXP
Y219	6	11 " x 13¾ "	15 Gauge	27 " " " "	RSXXP
X1112	2	9 " x 11¾ "	14 Gauge	51 inch Long Handle	R2X54
X1113	3	9½ " x 12¼ "	" "	51 " " "	R2X54
X1114	4	10 " x 12¾ "	" "	51 " " "	R2X54
X1116	6	11 " x 13¾ "	15 Gauge	51 " " "	R2X54

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — **X Grade Handles** — *CRESCENT*

BE215	2	9 in. x 11¾ in.	14 Gauge	27 inch SturdE Steel D	REXP
BE216	3	9½ " x 12¼ "	" "	27 " " " "	REXP
BE217	4	10 " x 12¾ "	" "	27 " " " "	REXP
BE219	6	11 " x 13¾ "	15 Gauge	27 " " " "	REXP
BY215	2	9 in. x 11¾ in.	14 Gauge	27 inch Wood Split D	RSXP
BY216	3	9½ " x 12¼ "	" "	27 " " " "	RSXP
BY217	4	10 " x 12¾ "	" "	27 " " " "	RSXP
BY219	6	11 " x 13¾ "	15 Gauge	27 " " " "	RSXP
BX1112	2	9 " x 11¾ "	14 Gauge	51 inch Long Handle	R1X54
BX1113	3	9½ " x 12¼ "	" "	51 " " "	R1X54
BX1114	4	10 " x 12¾ "	" "	51 " " "	R1X54
BX1116	6	11 " x 13¾ "	15 Gauge	51 " " "	R1X54

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — **No. 1 Grade Handles** — *IMPERATOR*

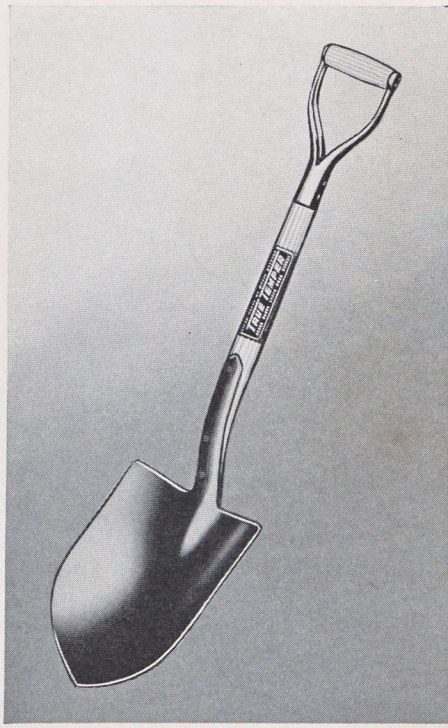
CE215	2	9 in. x 11¾ in.	15 Gauge	27 inch SturdE Steel D	RE1P
CE216	3	9½ " x 12¼ "	" "	27 " " " "	RE1P
CE217	4	10 " x 12¾ "	" "	27 " " " "	RE1P
CE219	6	11 " x 13¾ "	" "	27 " " " "	RE1P
CY215	2	9 " x 11¾ "	" "	27 inch Wood Split D	RS1P
CY216	3	9½ " x 12¼ "	" "	27 " " " "	RS1P
CY217	4	10 " x 12¾ "	" "	27 " " " "	RS1P
CY219	6	11 " x 13¾ "	" "	27 " " " "	RS1P
CX1112	2	9 " x 11¾ "	" "	51 inch Long Handle	R154
CX1113	3	9½ " x 12¼ "	" "	51 " " "	R154
CX1114	4	10 " x 12¾ "	" "	51 " " "	R154
CX1116	6	11 " x 13¾ "	" "	51 " " "	R154

List Numbers Apply on Black Finish Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

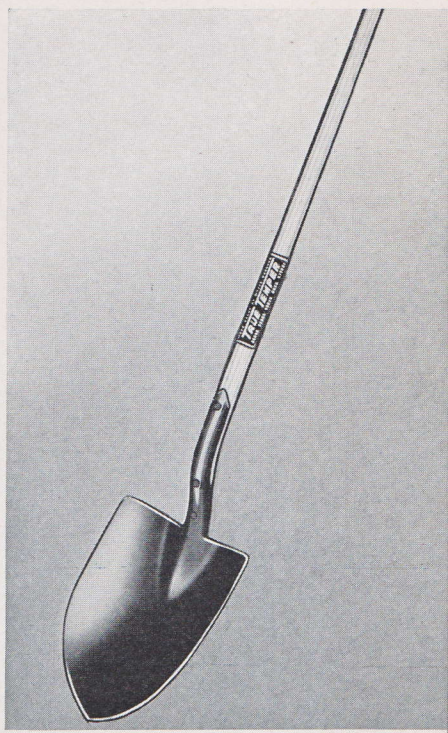
D Handle—Blade Lift, 6½ inches—Handle Lift, 19 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.

For Special Lifts See Page 67



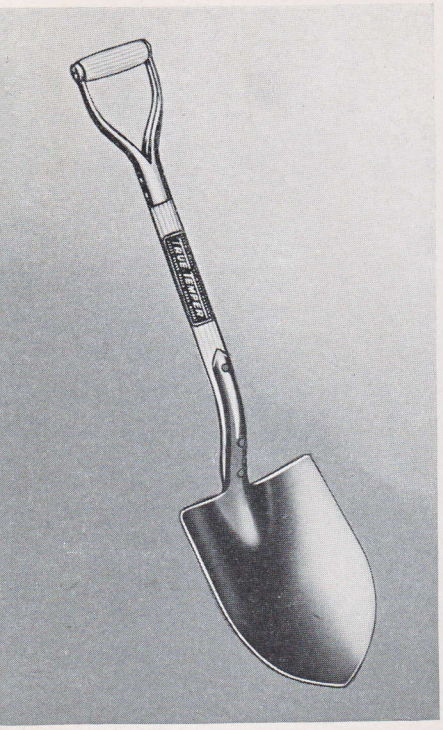
Cat. No. E215

Plain Back, Strap Pattern, Standard Round Point Dirt Shovel, Size #2, with SturdE Steel D Type Handle.



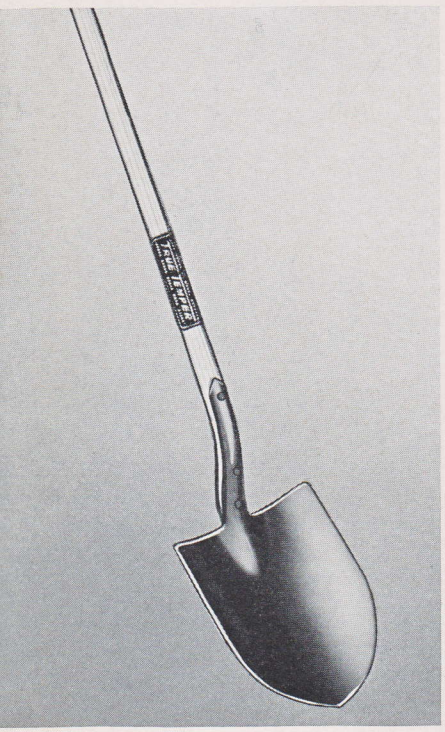
Cat. No. X1112

Plain Back, Strap Pattern, Standard Round Point Dirt Shovel, Size #2, with 51 inch Long Handle.



Cat. No. E315

Plain Back, Strap Pattern with Deep Bend, Round Point Mining Shovel, Size #2 with SturdE Steel D Type Handle.



Cat. No. X3112

Plain Back, Strap Pattern with Deep Bend, Round Point Mining Shovel, Size #2 with 51 inch Long Handle.

ROUND-POINT MINING SHOVELS

Plain Back—Deep Bend—Strap Pattern
Stiff Point—Half Spring or Full Spring
For Strip Mining and General Excavating

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — **Skelton Brands**

CONNEAUT SPECIAL AND DIAMOND — **PACIFIC COAST PATTERN** — *SKELTON SPECIAL AND KEYSTONE*

XX Grade Handles

List No.	Size No.	Blade Description		Handle Description	Right Repair Handle No.
E315	2	9 in. x 11¾ in.	14 Gauge	27 inch SturdE Steel D	REXXPM
E316	3	9½ " x 12¼ "	" "	27 " " " "	REXXPM
E317	4	10 " x 12¾ "	" "	27 " " " "	REXXPM
E319	6	11 " x 13¾ "	15 Gauge	27 " " " "	REXXPM
Y315	2	9 " x 11¾ "	14 Gauge	27 inch Wood Split D	RSXXPM
Y316	3	9½ " x 12¼ "	" "	27 " " " "	RSXXPM
Y317	4	10 " x 12¾ "	" "	27 " " " "	RSXXPM
Y319	6	11 " x 13¾ "	15 Gauge	27 " " " "	RSXXPM
X3112	2	9 " x 11¾ "	14 Gauge	51 inch Long Handle	R2X54M
X3113	3	9½ " x 12¼ "	" "	51 " " "	R2X54M
X3114	4	10 " x 12¾ "	" "	51 " " "	R2X54M
X3116	6	11 " x 13¾ "	15 Gauge	51 " " "	R2X54M

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — **X Grade Handles** — *CRESCENT*

BE315	2	9 in. x 11¾ in.	14 Gauge	27 inch SturdE Steel D	REXPM
BE316	3	9½ " x 12¼ "	" "	27 " " " "	REXPM
BE317	4	10 " x 12¾ "	" "	27 " " " "	REXPM
BE319	6	11 " x 13¾ "	15 Gauge	27 " " " "	REXPM
BY315	2	9 " x 11¾ "	14 Gauge	27 inch Wood Split D	RSXPM
BY316	3	9½ " x 12¼ "	" "	27 " " " "	RSXPM
BY317	4	10 " x 12¾ "	" "	27 " " " "	RSXPM
BY319	6	11 " x 13¾ "	15 Gauge	27 " " " "	RSXPM
BX3112	2	9 " x 11¾ "	14 Gauge	51 inch Long Handle	R1X54M
BX3113	3	9½ " x 12¼ "	" "	51 " " "	R1X54M
BX3114	4	10 " x 12¾ "	" "	51 " " "	R1X54M
BX3116	6	11 " x 13¾ "	15 Gauge	51 " " "	R1X54M

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — **No. 1 Grade Handles** — *IMPERATOR*

CE315	2	9 in. x 11¾ in.	15 Gauge	27 inch SturdE Steel D	RE1PM
CE316	3	9½ " x 12¼ "	" "	27 " " " "	RE1PM
CE317	4	10 " x 12¾ "	" "	27 " " " "	RE1PM
CE319	6	11 " x 13¾ "	" "	27 " " " "	RE1PM
CY315	2	9 " x 11¾ "	" "	27 inch Wood Split D	RS1PM
CY316	3	9½ " x 12¼ "	" "	27 " " " "	RS1PM
CY317	4	10 " x 12¾ "	" "	27 " " " "	RS1PM
CY319	6	11 " x 13¾ "	" "	27 " " " "	RS1PM
CX3112	2	9 " x 11¾ "	" "	51 inch Long Handle	R154M
CX3113	3	9½ " x 12¼ "	" "	51 " " "	R154M
CX3114	4	10 " x 12¾ "	" "	51 " " "	R154M
CX3116	6	11 " x 13¾ "	" "	51 " " "	R154M

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Blade Dimensions Shown on This Page Apply on Stiff Point Pattern. On Half Spring Pattern the Width of Blade is ⅜ inch Wider on All Sizes. On Full Spring Pattern the Width of Blade is ¾ inch Wider on All Sizes.

NOTE: Long Handle Pattern Mining Shovels Can Be Supplied with 42 inch Handle When So Desired. When So Wanted Add Letter S to End of Number.

STANDARD LIFTS

D Handle —Blade Lift, 7 inches —Handle Lift, 19 inches.
Long Handle —Blade Lift, 7½ inches —Handle Lift. 35 inches.

For Special Lifts See Page 67

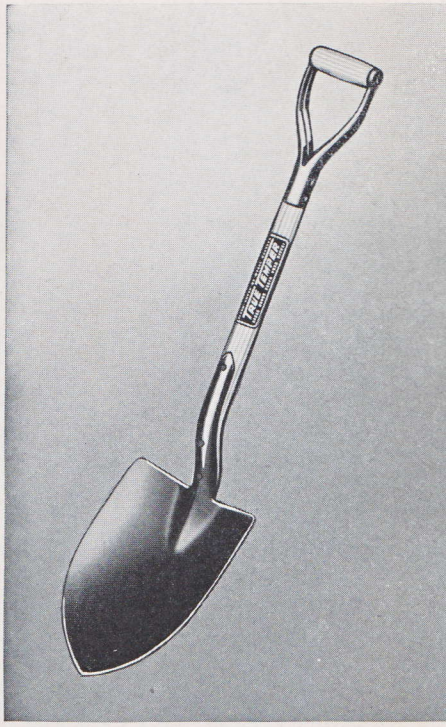
FEATHERWEIGHT SHOVELS

Plain Back—Strap Pattern
With Narrow Straps—Slim Type Handles
Standard Western Bend

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — 15 Gauge Blades, XX Grade Handles — *SKELTON SPECIAL AND KEYSTONE* — **Skelton Brands**

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
FE215	2	8¾ in. x 11¾ in.	27 inch SturdE Steel D	REXXP
FE216	3	9¼ " x 12¼ "	27 " " " "	REXXP
FE217	4	10 " x 13 "	27 " " " "	REXXP
FE219	6	11 " x 14 "	27 " " " "	REXXP
FY215	2	8¾ " x 11¾ "	27 inch Wood Split D	RSXXP
FY216	3	9¼ " x 12¼ "	27 " " " "	RSXXP
FY217	4	10 " x 13 "	27 " " " "	RSXXP
FY219	6	11 " x 14 "	27 " " " "	RSXXP
FX1112	2	8¾ " x 11¾ "	47 inch Long Handle	R2X51F
FX1113	3	9¼ " x 12¼ "	47 " " "	R2X51F
FX1114	4	10 " x 13 "	47 " " "	R2X51F
FX1116	6	11 " x 14 "	47 " " "	R2X51F



Cat. No. FE215

Plain Back, Strap Pattern, Featherweight Shovel, Size #2, with Narrow Straps, and SturdE Steel D Tops.

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 15 Gauge Blades, X Grade Handles — *CRESCENT*

BFE215	2	8¾ in. x 11¾ in.	27 inch SturdE Steel D	REXP
BFE216	3	9¼ " x 12¼ "	27 " " " "	REXP
BFE217	4	10 " x 13 "	27 " " " "	REXP
BFE219	6	11 " x 14 "	27 " " " "	REXP
BFY215	2	8¾ " x 11¾ "	27 inch Wood Split D	RSXP
BFY216	3	9¼ " x 12¼ "	27 " " " "	RSXP
BFY217	4	10 " x 13 "	27 " " " "	RSXP
BFY219	6	11 " x 14 "	27 " " " "	RSXP
BFX1112	2	8¾ " x 11¾ "	47 inch Long Handle	R1X51F
BFX1113	3	9¼ " x 12¼ "	47 " " "	R1X51F
BFX1114	4	10 " x 13 "	47 " " "	R1X51F
BFX1116	6	11 " x 14 "	47 " " "	R1X51F

GRADE C, CARBON STEEL BLADES, NOT HEAT TREATED

EMPIRE — 15 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

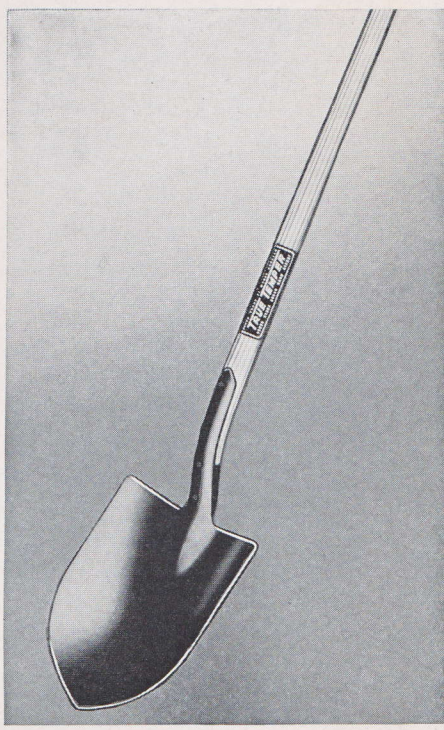
CFE215	2	8¾ in. x 11¾ in.	27 inch SturdE Steel D	RE1P
CFE216	3	9¼ " x 12¼ "	27 " " " "	RE1P
CFE217	4	10 " x 13 "	27 " " " "	RE1P
CFE219	6	11 " x 14 "	27 " " " "	RE1P
CFY215	2	8¾ " x 11¾ "	27 inch Wood Split D	RS1P
CFY216	3	9¼ " x 12¼ "	27 " " " "	RS1P
CFY217	4	10 " x 13 "	27 " " " "	RS1P
CFY219	6	11 " x 14 "	27 " " " "	RS1P
CFX1112	2	8¾ " x 11¾ "	47 inch Long Handle	R151F
CFX1113	3	9¼ " x 12¼ "	47 " " "	R151F
CFX1114	4	10 " x 13 "	47 " " "	R151F
CFX1116	6	11 " x 14 "	47 " " "	R151F

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

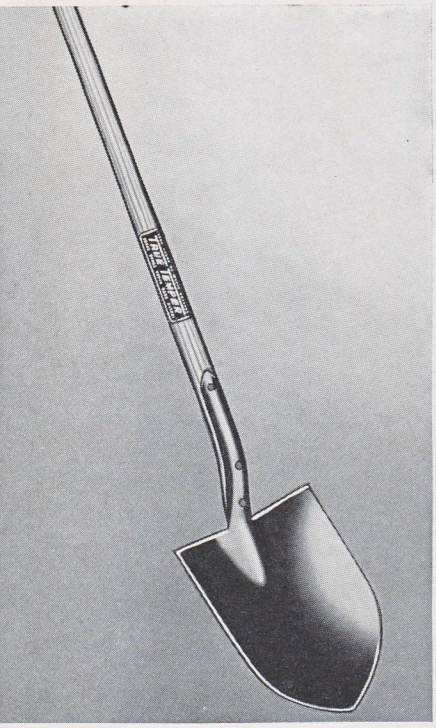
D Handle —Blade Lift, 6½ inches —Handle Lift, 17 inches.
Long Handle —Blade Lift, 6½ inches —Handle Lift, 28–29 inches

For Special Lifts See Page 67



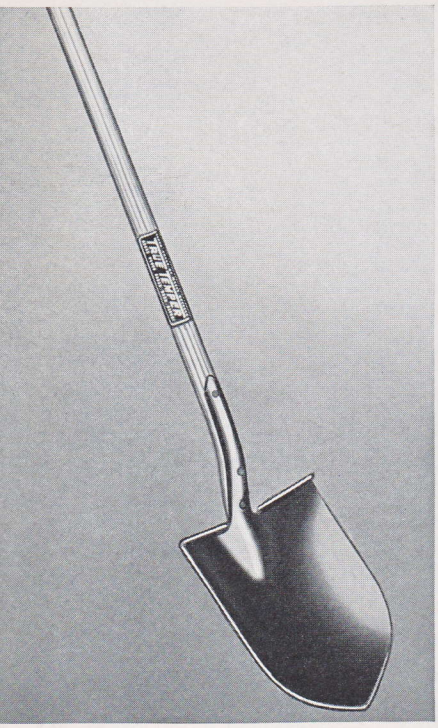
Cat. No. FX1112

Plain Back, Strap Pattern, Featherweight Shovel, Size #2, with Narrow Straps and 47 inch Slim Type Handles.



Cat. No. X2112

Plain Back, Strap Pattern Irrigating Shovel, Size #2, without Step and 51 inch Long Handle.



Cat. No. XT2112

Plain Back, Strap Pattern Irrigating Shovel, Size #2, with Turned Step and 51 inch Long Handle.

IRRIGATING SHOVELS

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND*

Skelton Brands — *SKELTON SPECIAL AND KEYSTONE*

14 Gauge Blades, XX Grade Handles

Standard Weight Shovels

List No.	Size. No.	Blade Description	Handle Description	Right Repair Handle No.
X2112	2	9 in. x 11¾ in. Without Step	51 inch Long Handle	R2X54
XT2112	2	9 " x 11½ " With Turned Step	51 " " "	R2X54

15 Gauge Blades, XX Grade Handles

Light Weight Shovels

X2112L	2	9 in. x 11¾ in. Without Step	47 inch Long Handle	R2X51L
XT2112L	2	9 " x 11½ " With Turned Step	47 " " "	R2X51L

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

14 Gauge Blades, X Grade Handles

STAR — **Standard Weight Shovels** — *CRESCENT*

BX2112	2	9 in. x 11¾ in. Without Step	51 inch Long Handle	R1X54
BXT2112	2	9 " x 11½ " With Turned Step	51 " " "	R1X54

15 Gauge Blades, X Grade Handles

Light Weight Shovels

BX2112L	2	9 in. x 11¾ in. Without Step	47 inch Long Handle	R1X51L
BXT2112L	2	9 " x 11½ " With Turned Step	47 " " "	R1X51L

GRADE C, CARBON STEEL BLADES, NOT HEAT TREATED

15 Gauge Blades, No. 1 Grade Handles

EMPIRE — **Standard Weight Shovels** — *IMPERATOR*

CX2112	2	9 in. x 11¾ in. Without Step	51 inch Long Handle	R154
CXT2112	2	9 " x 11½ " With Turned Step	51 " " "	R154

15 Gauge Blades, No. 1 Grade Handles

Light Weight Shovels

CX2112L	2	9 in. x 11¾ in. Without Step	47 inch Long Handle	R154L
CXT2112L	2	9 " x 11½ " With Turned Step	47 " " "	R154L

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

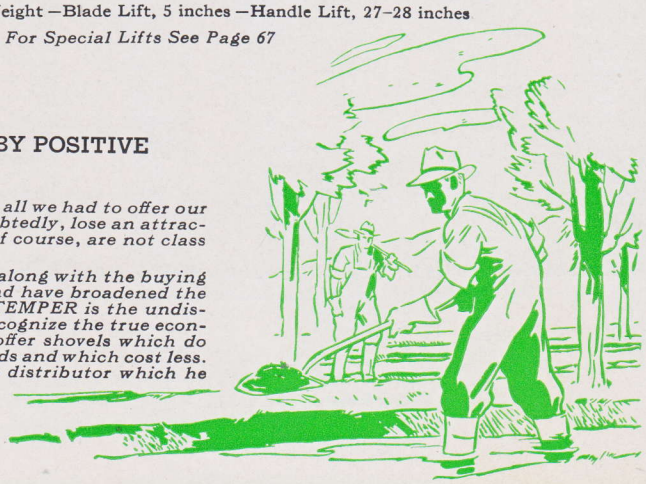
Long Handle —Standard Weight —Blade Lift, 5 inches —Handle Lift, 27–28 inches.
Long Handle —Light Weight —Blade Lift, 5 inches —Handle Lift, 27–28 inches

For Special Lifts See Page 67

MEETING COMPETITION BY POSITIVE METHODS

If TRUE TEMPER Quality Shovels were all we had to offer our distributors, we and they would, undoubtedly, lose an attractive volume of business. All markets, of course, are not class markets.

We have taken that into consideration along with the buying habits of various regions and groups and have broadened the line to meet these conditions. TRUE TEMPER is the undisputed leader in those markets which recognize the true economy of quality but for the others we offer shovels which do not quite meet TRUE TEMPER standards and which cost less. This is a competitive advantage to the distributor which he has been quick to appreciate.



LIME SHOVELS

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND*

Skelton Brands — *SKELTON SPECIAL AND KEYSTONE*

14 Gauge Blades, XX Grade Handles
Standard Weight Shovels

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E6112	2	9 in. x 11¾ in.	27 inch SturdE Steel D	REXXP
E6113	3	9½ " x 12¼ "	27 " " " "	REXXP
Y6112	2	9 " x 11¾ "	27 inch Wood Split D	RSXXP
Y6113	3	9½ " x 12¼ "	27 " " " "	RSXXP
X6112	2	9 " x 11¾ "	51 inch Long Handle	R2X54
X6113	3	9½ " x 12¼ "	51 " " "	R2X54

15 Gauge Blades, XX Grade Handles
Light Weight Shovels

LE6112	2	9 in. x 11¾ in.	27 inch SturdE Steel D	REXXP
LE6113	3	9½ " x 12¼ "	27 " " " "	REXXP
LY6112	2	9 " x 11¾ "	27 inch Wood Split D	RSXXP
LY6113	3	9½ " x 12¼ "	27 " " " "	RSXXP
LX6112	2	9 " x 11¾ "	47 inch Long Handle	R2X51L
LX6113	3	9½ " x 12¼ "	47 " " "	R2X51L

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

14 Gauge Blades, X Grade Handles
Standard Weight Shovels

STAR — *CRESCENT*

BE6112	2	9 in. x 11¾ in.	27 inch SturdE Steel D	REXP
BE6113	3	9½ " x 12¼ "	27 " " " "	REXP
BY6112	2	9 " x 11¾ "	27 inch Wood Split D	RSXP
BY6113	3	9½ " x 12¼ "	27 " " " "	RSXP
BX6112	2	9 " x 11¾ "	51 inch Long Handle	R1X54
BX6113	3	9½ " x 12¼ "	51 " " "	R1X54

15 Gauge Blades, X Grade Handles
Light Weight Shovels

BLE6112	2	9 in. x 11¾ in.	27 inch SturdE Steel D	REXP
BLE6113	3	9½ " x 12¼ "	27 " " " "	REXP
BLY6112	2	9 " x 11¾ "	27 inch Wood Split D	RSXP
BLY6113	3	9½ " x 12¼ "	27 " " " "	RSXP
BLX6112	2	9 " x 11¾ "	47 inch Long Handle	R1X51L
BLX6113	3	9½ " x 12¼ "	47 " " "	R1X51L

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

15 Gauge Blades, No. 1 Grade Handles
Standard Weight Shovels

EMPIRE — *IMPERATOR*

CE6112	2	9 in. x 11¾ in.	27 inch SturdE Steel D	RE1P
CE6113	3	9½ " x 12¼ "	27 " " " "	RE1P
CY6112	2	9 " x 11¾ "	27 inch Wood Split D	RS1P
CY6113	3	9½ " x 12¼ "	27 " " " "	RS1P
CX6112	2	9 " x 11¾ "	51 inch Long Handle	R154
CX6113	3	9½ " x 12¼ "	51 " " "	R154

15 Gauge Blades, No. 1 Grade Handles
Light Weight Shovels

CLE6112	2	9 in. x 11¾ in.	27 inch SturdE Steel D	RE1P
CLE6113	3	9½ " x 12¼ "	27 " " " "	RE1P
CLY6112	2	9 " x 11¾ "	27 inch Wood Split D	RS1P
CLY6113	3	9½ " x 12¼ "	27 " " " "	RS1P
CLX 6112	2	9 " x 11¾ "	47 inch Long Handle	R151L
CLX 6113	3	9½ " x 12¼ "	47 " " "	R151L

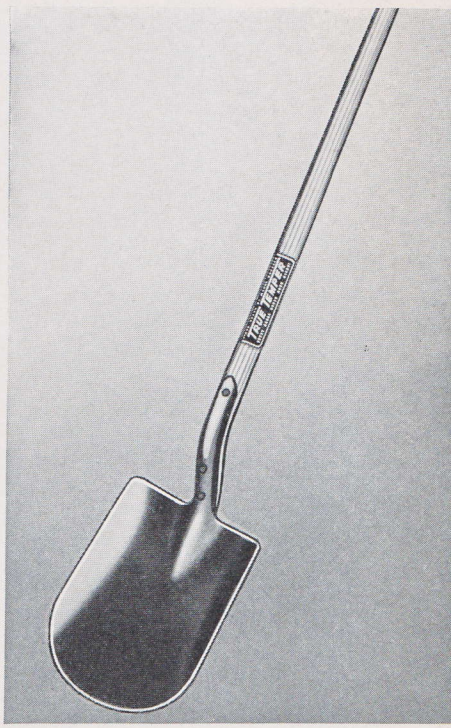
List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

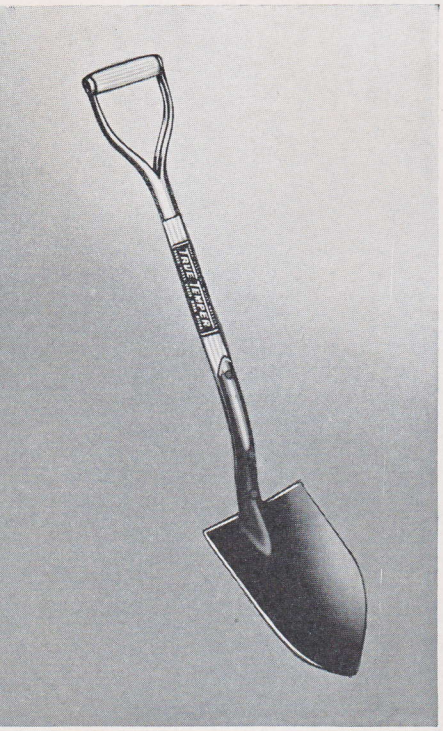
Long Handle—Standard Weight Blade Lift, 6½ inches—Handle Lift, 33 inches.
Long Handle—Light Weight Blade Lift, 6½ inches—Handle Lift, 28-29 inches.

For Special Lifts See Page 67

Cat. No. E6112
Plain Back, Strap Pattern, Lime Shovel, Size #2 with SturdE Steel D Type Handle.

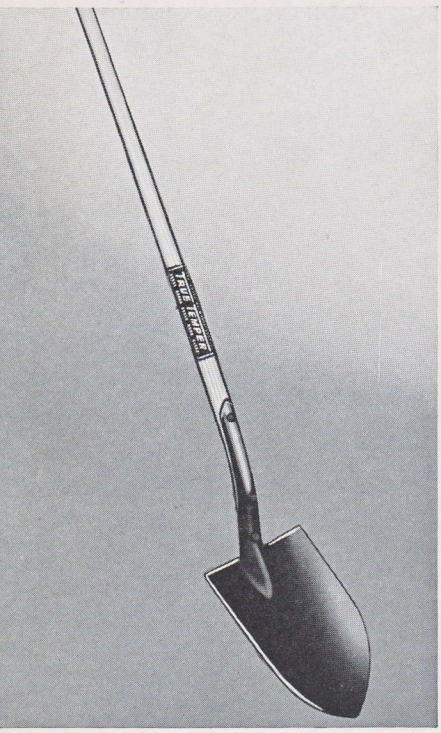


Cat. No. X6112
Plain Back, Strap Pattern, Lime Shovel, Size #2 with 51 inch Long Handle.



Cat. No. EL0

Plain Back, Strap Pattern, Ladies' Garden Shovel, Size 0 with Slim Type SturdE Steel D Top Handle. A Favorite for Campers.



Cat. No. XL0

Plain Back, Strap Pattern, Ladies' Garden Shovel, Size 0 with Narrow Strap and 39 inch Long Handle.

LADIES' GARDEN OR CAMPERS' SHOVELS

Plain Back—Strap Pattern
With Narrow Straps—Slim Type Handle—Regular Bend

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Featherweight Pattern
15 Gauge Blades, XX Grade Handles

Conneaut Brands			Skelton Brands	
CONNEAUT SPECIAL AND DIAMOND			*SKELTON SPECIAL AND KEYSTONE*	
List No.	Size. No.	Blade Description	Handle Description	Right Repair Handle No.
EL0	0	8 in. x 10¼ in.	27 inch SturdE Steel D	REXXP
SL0	0	8 " x 10¼ "	27 inch Wood Split D	RSXXP
XL0	0	8 " x 10¼ "	39 inch Long Handle	RLXX42P

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

15 Gauge Blades, X Grade Handles

STAR				*CRESCENT*
BEL0	0	8 in. x 10¼ in.	27 inch SturdE Steel D	REXP
BSL0	0	8 " x 10¼ "	27 inch Wood Split D	RSXP
BXL0	0	8 " x 10¼ "	39 inch Long Handle	RLX42P

GRADE C, CARBON STEEL BLADES, NOT HEAT TREATED

15 Gauge Blades, No. 1 Grade Handles

EMPIRE				*IMPERATOR*
CEL0	0	8 in. x 10¼ in.	27 inch SturdE Steel D	RE1P
CSL0	0	8 " x 10¼ "	27 inch Wood Split D	RS1P
CXL0	0	8 " x 10¼ "	39 inch Long Handle	RL142P

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

Long Handle—Blade Lift, 5 inches—Handle Lift, 25 inches.
D Handle—Blade Lift, 5 inches—Handle Lift, 16½ inches.

For Special Lifts See Page 67

CONDITIONS FAVOR TRUE TEMPER DISTRIBUTORS

No matter what line he handles or contemplates handling, the wise distributor knows that certain factors affecting the manufacturer are bound to profoundly influence his own chances of success.

Some of the most important are:

Financial Condition
Manufacturing Facilities
Service Policy
Business Dealings
Established Reputation
Completeness of Lines
Comparative Rating of Product
Competitive Advantages
Advertising Policy
Merchandising Cooperation
Leadership

We propose to consider each point briefly on subsequent pages and we hope that in so doing we will have established the case for TRUE TEMPER from every standpoint.

STANDARD TRACK SHOVELS

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND*

13 Gauge Blades, XX Grade Handles

Skelton Brands — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description		Handle Description	Right Repair Handle No.
E123R	2	10 in. x 11¾ in.	Without Steps	27 inch SturdE Steel D	REXXP
E123TR	2	10 " x 11½ "	With Steps	27 " " " "	REXXP
Y123R	2	10 " x 11¾ "	Without Steps	27 inch Wood Split D	RSXXP
Y123TR	2	10 " x 11½ "	With Steps	27 " " " "	RSXXP
M123R	2	10 " x 11¾ "	Without Steps	27 inch Malleable D	RMXXP
M123TR	2	10 " x 11½ "	With Steps	27 " " "	RMXXP

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — **13 Gauge Blades, X Grade Handles** — *CRESCENT*

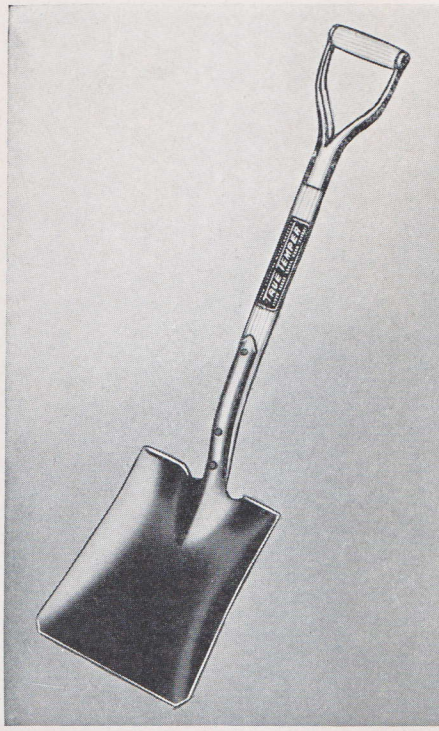
BE123R	2	10 in. x 11¾ in.	Without Steps	27 inch SturdE Steel D	REXP
BE123TR	2	10 " x 11½ "	With Steps	27 " " " "	REXP
BY123R	2	10 " x 11¾ "	Without Steps	27 inch Wood Split D	RSXP
BY123TR	2	10 " x 11½ "	With Steps	27 " " " "	RSXP
BM123R	2	10 " x 11¾ "	Without Steps	27 inch Malleable D	RMXP
BM123TR	2	10 " x 11½ "	With Steps	27 " " "	RMXP

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

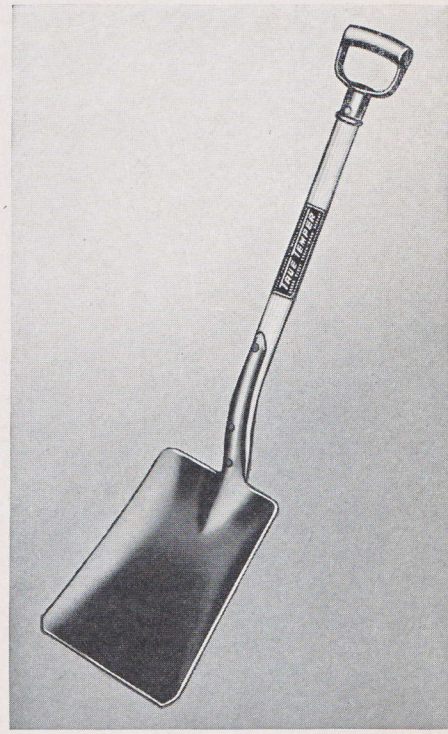
Blade Lift, 6½ inches—Handle Lift, 19 inches.

For Special Lifts See Page 67



Cat. No. E123TR

Plain Back, Strap Pattern, Standard Track Shovel, Size #2, with Turned Step and SturdE Steel D Type Handle.



Cat. No. M123R

Plain Back, Strap Pattern, Standard Track Shovel, Size #2, without Turned Step, with Malleable D Type Handle.

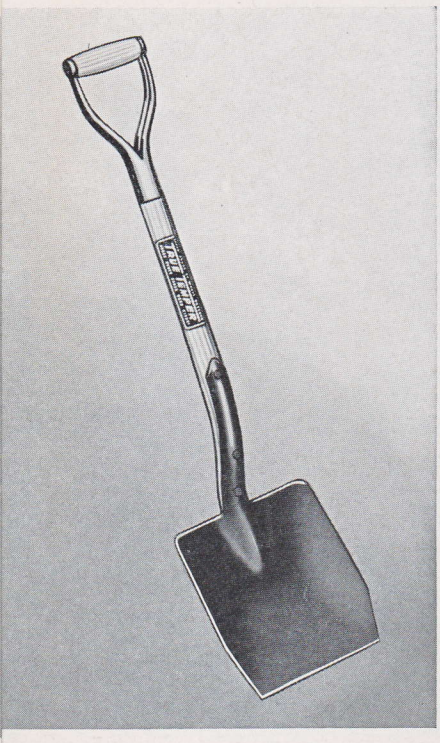
JUSTIFIED CONFIDENCE HAS NO SUBSTITUTE

A good product and the best business intentions are useless without the financial capacity to market the one and carry out the other.

Ours is an old line company whose growth throughout the years has been steady and substantial, always dictated by sound business policies and backed by ample finances. The Company has weathered a good many depressions. Its past accomplishments and present activities should be sufficient insurance of the future.

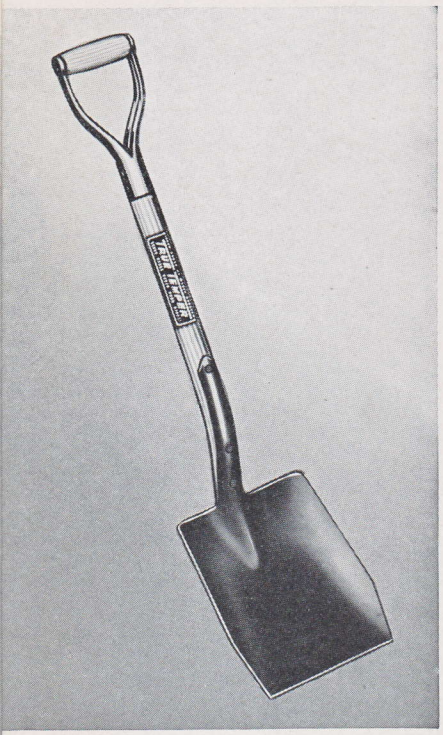
We feel that our pride in such a record is justifiable. It is the kind of a record which inspires confidence on the part of the great consumer public and our distributors, the sort of confidence for which there is no substitute.

Carrying the TRUE TEMPER Line means participating in the financial stability which has made leadership possible.



Cat. No. E522

Plain Back, Strap Pattern, Standard Shape Sewer or Brick Shovel, Size #2, with SturdE Steel D Type Handle.



Cat. No. E522T

Plain Back, Strap Pattern, Tapered Shape Sewer or Brick Shovel, Size #2, with Flat Point Blade and SturdE Steel D Type Handle.

SEWER OR BRICK SHOVELS

Plain Back—Strap Pattern

Short Blade—Chicago Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — **Skelton Brands**

CONNEAUT SPECIAL AND DIAMOND — 14 Gauge Blades, XX Grade Handles — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size. No.	Blade Description	Handle Description	Right Repair Handle No.
E522	2	7⅝x9⅛x9x10 in. Standard Pattern	27 inch SturdE Steel D	REXXP
E522T	2	7⅝x9⅜x9x10 " Tapered "	27 " " " "	REXXP
Y522	2	7⅝x9⅛x9x10 in. Standard "	27 inch Wood Split D	RSXXP
Y522T	2	7⅝x9⅜x9x10 " Tapered "	27 " " " "	RSXXP

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 14 Gauge Blades, X Grade Handles — *CRESCENT*

BE522	2	7⅝x9⅛x9x10 in. Standard Pattern	27 inch SturdE Steel D	REXP
BE522T	2	7⅝x9⅜x9x10 in. Tapered "	27 " " " "	REXP
BY522	2	7⅝x9⅛x9x10 in. Standard "	27 inch Wood Split D	RSXP
BY522T	2	7⅝x9⅜x9x10 in. Tapered "	27 " " " "	RSXP

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Under Blade Description First Numerals Denote Width at Point, Second Numerals Width at Widest Point, Third Numerals Width at Top, and Fourth Numerals Length of Blade.

STANDARD LIFTS

Blade Lift, 5 inches—Handle Lift, 19 inches.

For Special Lifts See Page 67

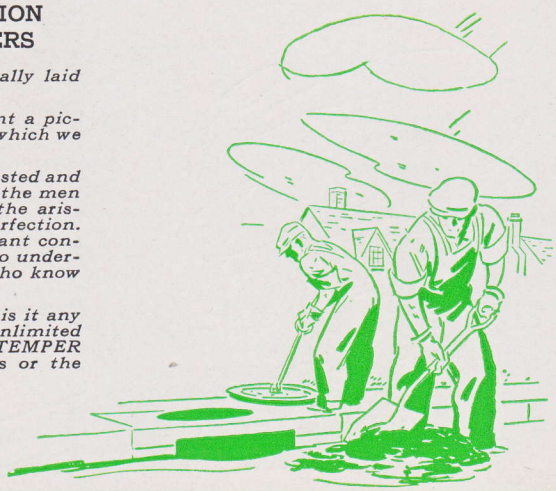
PRACTICALLY UNLIMITED PRODUCTION ASSURES PROMPT FILLING OF ORDERS

TRUE TEMPER Shovels are made in plants especially laid out and equipped for that purpose.

In the opening pages of this department we present a pictorial review of our shovel manufacturing facilities which we believe is worthy of a little time and attention.

New and improved machinery is continually being tested and installed. Even more important than machines are the men who operate them and our factories still sustain the aristocracy of skilled labor, artisans who take pride in perfection. More than that the management of each shovel plant consists of men who have grown up in the business, who understand the intricate details of manufacturing and who know the needs of their markets.

With such knowledge, skill and resources at hand, is it any wonder that they are able to maintain practically unlimited production of the highest quality of tools? TRUE TEMPER distributors need never worry over delayed orders or the quality of the product on orders marked "rush."



MOULDERS' SHOVELS

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brand		14 Gauge Blades, XX Grade Handles		Skelton Brand
CONNEAUT SPECIAL AND DIAMOND				*SKELTON SPECIAL AND KEYSTONE*
List No.	Size. No.	Blade Description	Handle Description	Right Repair Handle No.
E129	2	10 in. x 12 in.	27 inch SturdE Steel D	REXXP
Y129	2	10 " x 12 "	27 inch Wood Split D	RSXXP
W129	2	10 " x 12 "	27 inch Wood D	RWXXP
MP129	2	10 " x 12 "	27 inch Malleable Pien D	RMPXXP
EP129	2	10 " x 12 "	27 inch SturdE Pien Grip	REXXWP

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR		14 Gauge Blades, X Grade Handles		*CRESCENT*
BE129	2	10 in. x 12 in.	27 inch SturdE Steel D	REXP
BY129	2	10 " x 12 "	27 inch Wood Split D	RSXP
BW129	2	10 " x 12 "	27 inch Wood D	RWXP
BMP129	2	10 " x 12 "	27 inch Malleable Pien D	RMPXP
BEP129	2	10 " x 12 "	27 inch SturdE Pien Grip	REXWP

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

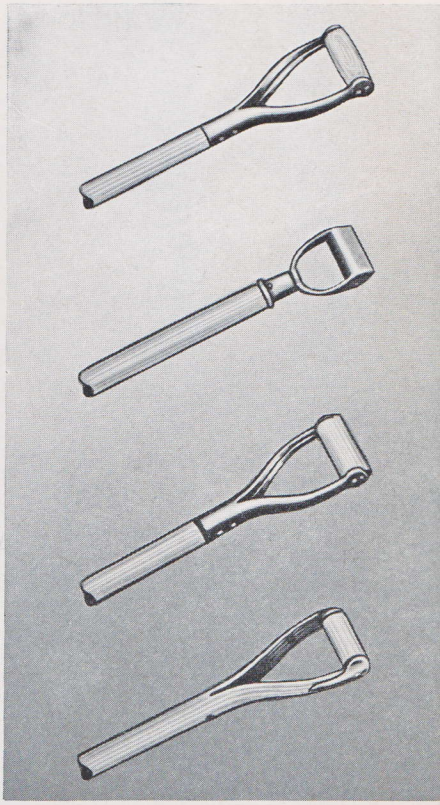
EMPIRE		15 Gauge Blades, No. 1 Grade Handles		*IMPERATOR*
CE129	2	10 in. x 12 in.	27 inch SturdE Steel D	RE1P
CY129	2	10 " x 12 "	27 inch Wood Split D	RS1P
CW129	2	10 " x 12 "	27 inch Wood D	RW1P
CMP129	2	10 " x 12 "	27 inch Malleable Pien D	RMP1P
CEP129	2	10 " x 12 "	27 inch SturdE Pien Grip	RE1WP

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

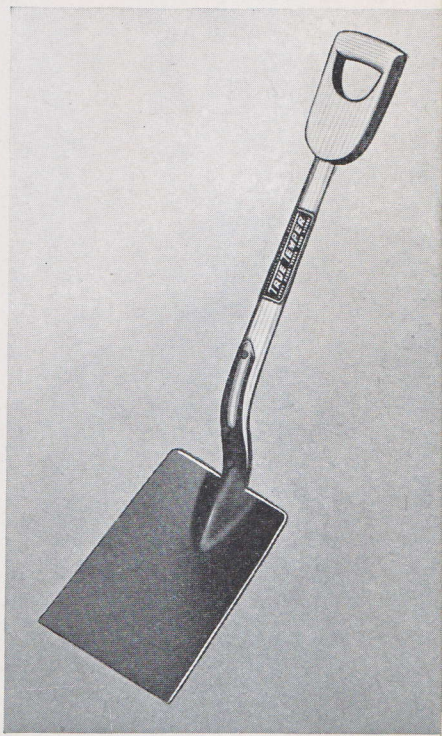
STANDARD LIFTS

Blade Lift, 6½ inches—Handle Lift, 20–21 inches.

For Special Lifts See Page 67



This Illustrates the Standard SturdE Steel D Type, the Malleable Pien Grip D Type, the SturdE Wood Pien D Type and the Wood Split D Type Handles.



Cat. No. W129

Plain Back, Strap Pattern Moulders' Shovel, Size #2, with Wood D Handle.

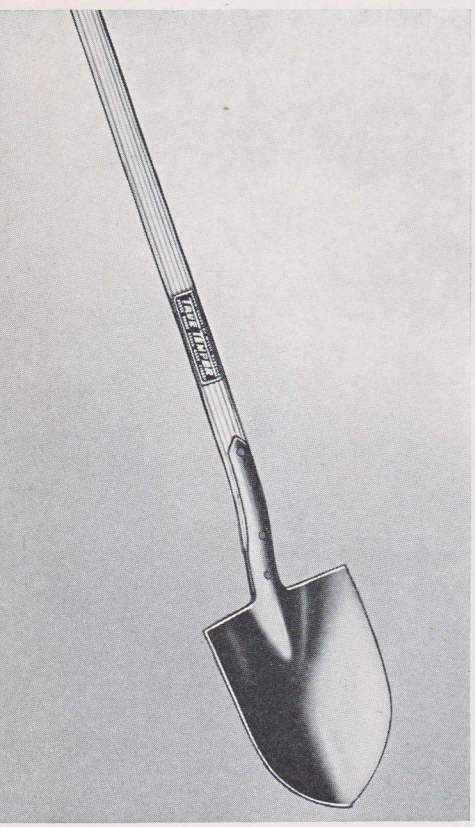
TRUE TEMPER SERVICE HAS REAL MEANING

Prompt, accurate handling of orders, deliveries, inquiries and requests for quotations; fair and reasonable adjustment of differences; honest dealing and scrupulous attention to the many details which influence relationships make up the kind of service which the distributor has a right to expect from the manufacturer.

The record of TRUE TEMPER service over the years speaks for itself as does also our relationship with a distributing organization second to none in its various lines. It is a service which we continually strive to improve and we welcome suggestions along these lines from any of our distributors, new or old.

We believe that a high quality of service is as important to modern business as a high quality of product and TRUE TEMPER applied to either must mean only the best.

Cat. No. 2436-9
Plain Back, Strap Pattern Telegraph Shovel with 9 x 12 inch Blade, 6 ft. Straight Handle and 9 inch Strap.



Cat. No. 2436B-9
Plain Back, Strap Pattern Telegraph Shovel with 9 x 12 inch Blade, 6 ft. Bent Handle and 9 inch Strap.

TELEGRAPH SHOVELS

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brand — *CONNEAUT SPECIAL AND DIAMOND*

Skelton Brand — *SKELTON SPECIAL AND KEYSTONE*

13 Gauge Blades, XX Grade Handles

Straight Handles

List No.	Blade Description	Handle Description	Right Repair Handle No.
2436-9	9 in. x 12 in.	6 ft. Handle—With 9 inch Strap	RTSXX6
2436-18	9 " x 12 "	6 " " " 18 " "	RTSXX6
2436-22	9 " x 12 "	6 " " " 22 " "	RTSXX6
2437-9	9 " x 12 "	7 " " " 9 " "	RTSXX7
2437-18	9 " x 12 "	7 " " " 18 " "	RTSXX7
2437-22	9 " x 12 "	7 " " " 22 " "	RTSXX7
2438-9	9 " x 12 "	8 " " " 9 " "	RTSXX8
2438-18	9 " x 12 "	8 " " " 18 " "	RTSXX8
2438-22	9 " x 12 "	8 " " " 22 " "	RTSXX8
2439-9	9 " x 12 "	9 " " " 9 " "	RTSXX9
2439-18	9 " x 12 "	9 " " " 18 " "	RTSXX9
2439-22	9 " x 12 "	9 " " " 22 " "	RTSXX9
24310-9	9 " x 12 "	10 " " " 9 " "	RTSXX10
24310-18	9 " x 12 "	10 " " " 18 " "	RTSXX10
24310-22	9 " x 12 "	10 " " " 22 " "	RTSXX10
24312-9	9 " x 12 "	12 " " " 9 " "	RTSXX12
24312-18	9 " x 12 "	12 " " " 18 " "	RTSXX12
24312-22	9 " x 12 "	12 " " " 22 " "	RTSXX12

Bent Handles

2436B-9	9 in. x 12 in.	6 ft. Handle—With 9 inch Strap	RTBXX6
2436B-18	9 " x 12 "	6 " " " 18 " "	RTBXX6
2436B-22	9 " x 12 "	6 " " " 22 " "	RTBXX6
2437B-9	9 " x 12 "	7 " " " 9 " "	RTBXX7
2437B-18	9 " x 12 "	7 " " " 18 " "	RTBXX7
2437B-22	9 " x 12 "	7 " " " 22 " "	RTBXX7
2438B-9	9 " x 12 "	8 " " " 9 " "	RTBXX8
2438B-18	9 " x 12 "	8 " " " 18 " "	RTBXX8
2438B-22	9 " x 12 "	8 " " " 22 " "	RTBXX8
2439B-9	9 " x 12 "	9 " " " 9 " "	RTBXX9
2439B-18	9 " x 12 "	9 " " " 18 " "	RTBXX9
2439B-22	9 " x 12 "	9 " " " 22 " "	RTBXX9
24310B-9	9 " x 12 "	10 " " " 9 " "	RTBXX10
24310B-18	9 " x 12 "	10 " " " 18 " "	RTBXX10
24310B-22	9 " x 12 "	10 " " " 22 " "	RTBXX10
24312B-9	9 " x 12 "	12 " " " 9 " "	RTBXX12
24312B-18	9 " x 12 "	12 " " " 18 " "	RTBXX12
24312B-22	9 " x 12 "	12 " " " 22 " "	RTBXX12

Telegraph Shovels Can Be Supplied with 24 inch Straps When So Ordered—Price Furnished on Application.
List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

THE IMPORTANCE OF HONEST DEALING

The enviable position occupied by TRUE TEMPER products in the world markets today is due in no small degree to a history o honest dealing.

We manufacture a varied line. All of our tools are not TRUE TEMPER Quality and it has been our policy to state so clearly and without hesitation. To be named TRUE TEMPER a product must measure up to certain rigid standards and it is definitely against our policy to make unsubstantiated claims of any sort.

It is our firm belief that a less honest attitude on the part of a manufacturer abuses the confidence of the public and his own distributors and cannot ultimately succeed. We believe this is worthy of careful consideration by any distributor who is considering stocking a new line.

TELEGRAPH SPOONS

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — **Skelton Brands**

12 Gauge Blades, XX Grade Handles

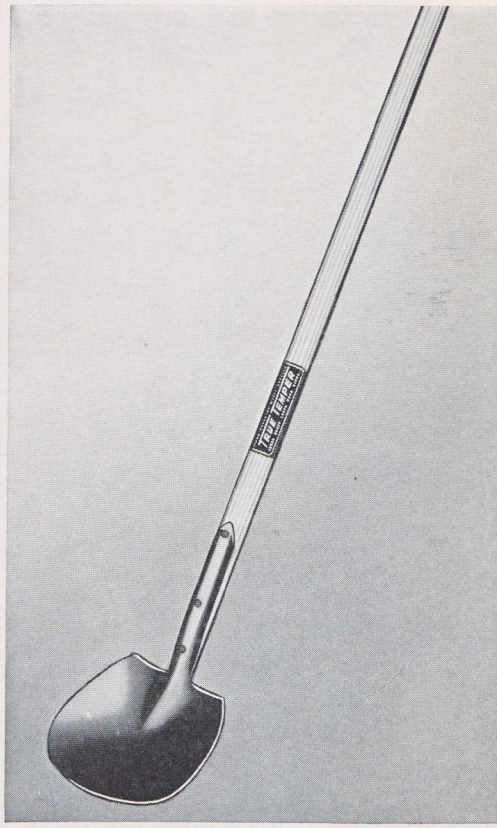
CONNEAUT SPECIAL AND DIAMOND — Eastern Pattern — *SKELTON SPECIAL AND KEYSTONE*

List No.	Blade Description	Handle Description	Right Repair Handle No.
2446-9	9½ in. x 10⅝ in.	6 ft. Straight Handle—With 9 inch Strap	RTXX6
2446-18	9½ " x 10⅝ "	6 " " " " 18 " "	RTXX6
2446-22	9½ " x 10⅝ "	6 " " " " 22 " "	RTXX6
2447-9	9½ " x 10⅝ "	7 " " " " 9 " "	RTXX7
2447-18	9½ " x 10⅝ "	7 " " " " 18 " "	RTXX7
2447-22	9½ " x 10⅝ "	7 " " " " 22 " "	RTXX7
2448-9	9½ " x 10⅝ "	8 " " " " 9 " "	RTXX8
2448-18	9½ " x 10⅝ "	8 " " " " 18 " "	RTXX8
2448-22	9½ " x 10⅝ "	8 " " " " 22 " "	RTXX8
2449-9	9½ " x 10⅝ "	9 " " " " 9 " "	RTXX9
2449-18	9½ " x 10⅝ "	9 " " " " 18 " "	RTXX9
2449-22	9½ " x 10⅝ "	9 " " " " 22 " "	RTXX9
24410-9	9½ " x 10⅝ "	10 " " " " 9 " "	RTXX10
24410-18	9½ " x 10⅝ "	10 " " " " 18 " "	RTXX10
24410-22	9½ " x 10⅝ "	10 " " " " 22 " "	RTXX10
24412-9	9½ " x 10⅝ "	12 " " " " 9 " "	RTXX12
24412-18	9½ " x 10⅝ "	12 " " " " 18 " "	RTXX12
24412-22	9½ " x 10⅝ "	12 " " " " 22 " "	RTXX12

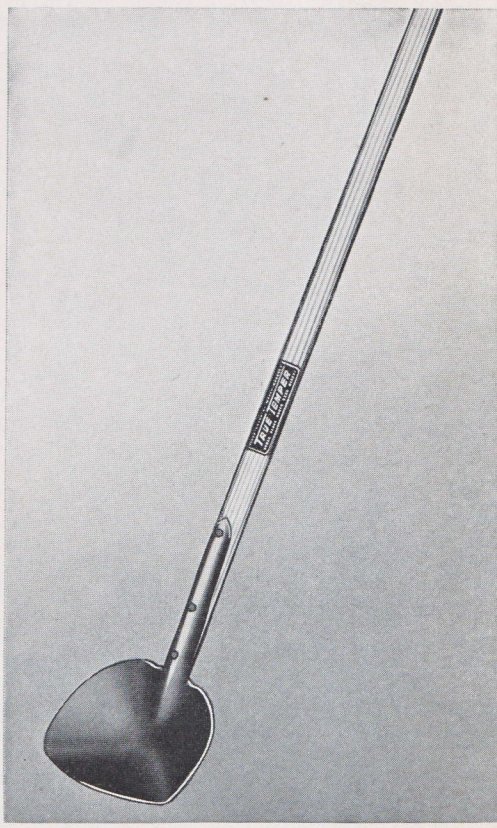
Western Pattern

2426-9	9½ in. x 9 in.	6 ft. Straight Handle—With 9 inch Strap	RTXX6
2426-18	9½ " x 9 "	6 " " " " 18 " "	RTXX6
2426-22	9½ " x 9 "	6 " " " " 22 " "	RTXX6
2427-9	9½ " x 9 "	7 " " " " 9 " "	RTXX7
2427-18	9½ " x 9 "	7 " " " " 18 " "	RTXX7
2427-22	9½ " x 9 "	7 " " " " 22 " "	RTXX7
2428-9	9½ " x 9 "	8 " " " " 9 " "	RTXX8
2428-18	9½ " x 9 "	8 " " " " 18 " "	RTXX8
2428-22	9½ " x 9 "	8 " " " " 22 " "	RTXX8
2429-9	9½ " x 9 "	9 " " " " 9 " "	RTXX9
2429-18	9½ " x 9 "	9 " " " " 18 " "	RTXX9
2429-22	9½ " x 9 "	9 " " " " 22 " "	RTXX9
24210-9	9½ " x 9 "	10 " " " " 9 " "	RTXX10
24210-18	9½ " x 9 "	10 " " " " 18 " "	RTXX10
24210-22	9½ " x 9 "	10 " " " " 22 " "	RTXX10
24212-9	9½ " x 9 "	12 " " " " 9 " "	RTXX12
24212-18	9½ " x 9 "	12 " " " " 18 " "	RTXX12
24212-22	9½ " x 9 "	12 " " " " 22 " "	RTXX12

Telegraph Spoons Can Be Supplied with 24 inch Straps When So Ordered. Price Furnished on Application.
List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.



Cat. No. 2446-9
Eastern Pattern, Plain Back, Strap Pattern Telegraph Spoon with 9½ x 10⅝ in. Blade, 6 ft. Straight Handle, 9 in. Strap.



Cat. No. 2426-9
Western Pattern, Plain Back, Strap Pattern Telegraph Spoon with 9½ x 9 in. Blade, 6 ft. Straight Handle, 9 in. Strap.

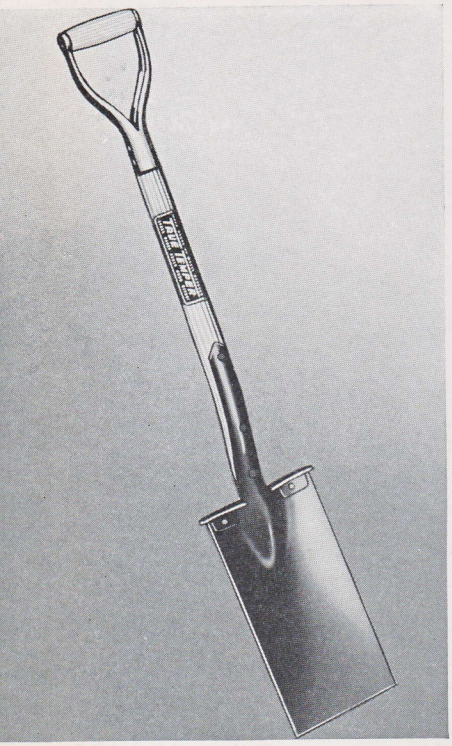
TAKING ADVANTAGE OF ESTABLISHED REPUTATION

Too much emphasis cannot be put on the value, to the distributor, of representing well known and established lines. In this way he is assured acceptance and saved the cost of pioneering a new product.

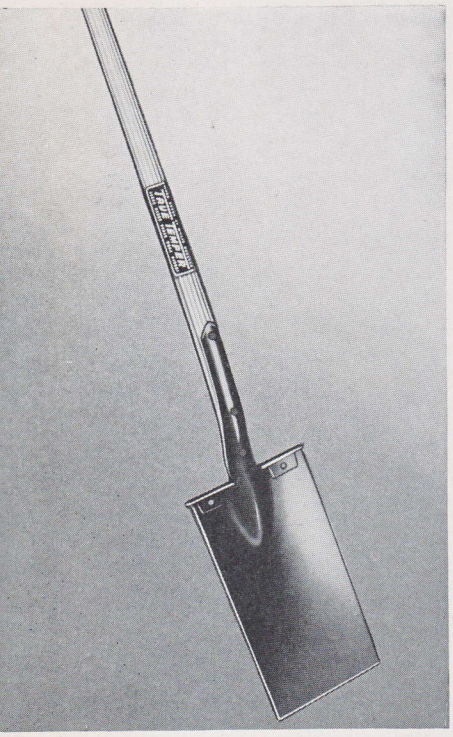
TRUE TEMPER, of course, has a long established reputation. A name given only to this company's premiere products by virtue of rigid standards of material, design and manufacture, it has become associated in the consumer's mind with the idea of highest quality.

Behind the name and its importance, lie years of development and pioneering both in manufacturing and marketing. Sound merchandising methods and honest advertising have helped. Possibly no place in the world where good tools as we know them are used is the name unknown.

This cannot help but be a definite advantage to TRUE TEMPER distributors, whether of steel goods. axes, cultivators or shovels.



Cat. No. E232
Plain Back, Strap Pattern, Standard Garden Spade, Size #2, with Riveted Step and SturdE Steel D Type Handle.



Cat. No. X232
Plain Back, Strap Pattern, Standard Garden Spade, Size #2, with Riveted Step and 51 inch Long Handle.

STANDARD GARDEN SPADES

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands			Skelton Brands	
CONNEAUT SPECIAL AND DIAMOND	13 Gauge Blades, XX Grade Handles		*SKELTON SPECIAL AND KEYSTONE*	
List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E232	2	7½ in. x 11¾ in. Riveted Step	27 inch SturdE Steel D	REXXGS
E233	3	8 " x 12¼ " " "	27 " " " "	REXXGS
Y232	2	7½ " x 11¾ " " "	27 inch Wood Split D	RSXXGS
Y233	3	8 " x 12¼ " " "	27 " " " "	RSXXGS
X232	2	7½ " x 11¾ " " "	51 inch Long Handle	R2X54GS
X233	3	8 " x 12¼ " " "	51 " " "	R2X54GS

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR		13 Gauge Blades, X Grade Handles		*CRESCENT*
BE232	2	7½ in. x 11¾ in. Riveted Step	27 inch SturdE Steel D	REXGS
BE233	3	8 " x 12¼ " " "	27 " " " "	REXGS
BY232	2	7½ " x 11¾ " " "	27 inch Wood Split D	RSXGS
BY233	3	8 " x 12¼ " " "	27 " " " "	RSXGS
BX232	2	7½ " x 11¾ " " "	51 inch Long Handle	R1X54GS
BX233	3	8 " x 12¼ " " "	51 " " "	R1X54GS

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE		13 Gauge Blades, No. 1 Grade Handles		*IMPERATOR*
CE232	2	7½ in. x 11¾ in. Riveted Step	27 inch SturdE Steel D	RE1GS
CE233	3	8 " x 12¼ " " "	27 " " " "	RE1GS
CY232	2	7½ " x 11¾ " " "	27 inch Wood Split D	RS1GS
CY233	3	8 " x 12¼ " " "	27 " " " "	RS1GS
CX232	2	7½ " x 11¾ " " "	51 inch Long Handle	R154GS
CX233	3	8 " x 12¼ " " "	51 " " "	R154GS

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 3 inches—Handle Lift, 7 inches.
Long Handle—Blade Lift, 3 inches—Handle Lift, 17 inches.

For Special Lifts See Page 67

A COMPLETE LINE IN EVERY WAY

Anyone familiar with the hand shovel market needs only a brief study of the shovel department in this catalog to realize that here is a complete line which meets every requirement of the field.

Certainly a distributor should experience no difficulty selecting the items which suit his particular locality and market. He will find here a fairly wide range in quality and price, too. TRUE TEMPER shovels, of course, top the list in quality and carry a slight premium in price. They are the leaders in the line and have outstanding merchandising features which every good distributor recognizes and uses.

But where price competition is a factor, the line also includes shovels of outstanding merit, second only to TRUE TEMPER Quality which meet that requirement perfectly.

IOWA PATTERN AND VATERLAND SPADES

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brand — **Skelton Brand**

13 Gauge Blades, XX Grade Handles

CONNEAUT SPECIAL AND DIAMOND — IOWA PATTERN — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E37	2	6¾ in. x 7 in. x 11¾ in. Round Point	30 inch SturdE Steel D	REXXGS34
Y37	2	6¾ " x 7 " x 11¾ " " "	30 inch Wood Split D	RSXXGS34
X37	2	6¾ " x 7 " x 11¾ " " "	51 inch Long Handle	R2X54GS

VATERLAND PATTERN

E38	2	6¾ in. x 7 in. x 11¾ in. Diamond Point	30 inch SturdE Steel D	REXXGS34
Y38	2	6¾ " x 7 " x 11¾ " " "	30 inch Wood Split D	RSXXGS34
X38	2	6¾ " x 7 " x 11¾ " " "	51 inch Long Handle	R2X54GS

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

13 Gauge Blades, X Grade Handles

STAR — IOWA PATTERN — *CRESCENT*

BE37	2	6¾ in. x 7 in. x 11¾ in. Round Point	30 inch SturdE Steel D	REXGS34
BY37	2	6¾ " x 7 " x 11¾ " " "	30 inch Wood Split D	RSXGS34
BX37	2	6¾ " x 7 " x 11¾ " " "	51 inch Long Handle	R1X54GS

VATERLAND PATTERN

BE38	2	6¾ in. x 7 in. x 11¾ in. Diamond Point	30 inch SturdE Steel D	REXGS34
BY38	2	6¾ " x 7 " x 11¾ " " "	30 inch Wood Split D	RSXGS34
BX38	2	6¾ " x 7 " x 11¾ " " "	51 inch Long Handle	R1X54GS

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

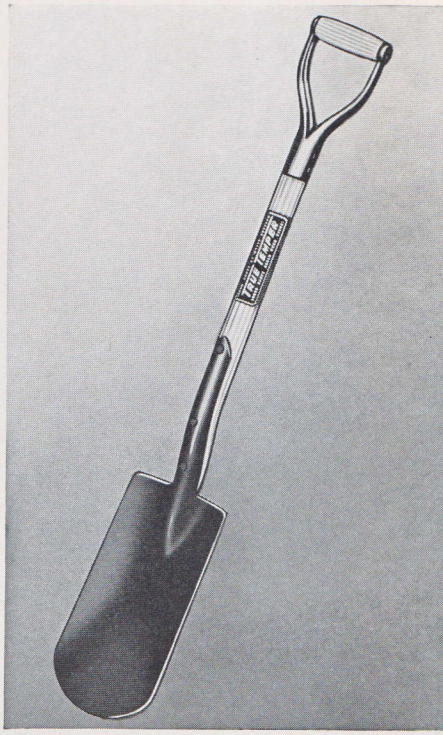
D Handle—Blade Lift, 3 inches—Handle Lift, 7½ inches.
Long Handle—Blade Lift, 3 inches—Handle Lift, 17½ inches

For Special Lifts See Page 67

THERE CAN BE NO MERCHANDISING SUBSTITUTE FOR SUPERIOR PRODUCTS

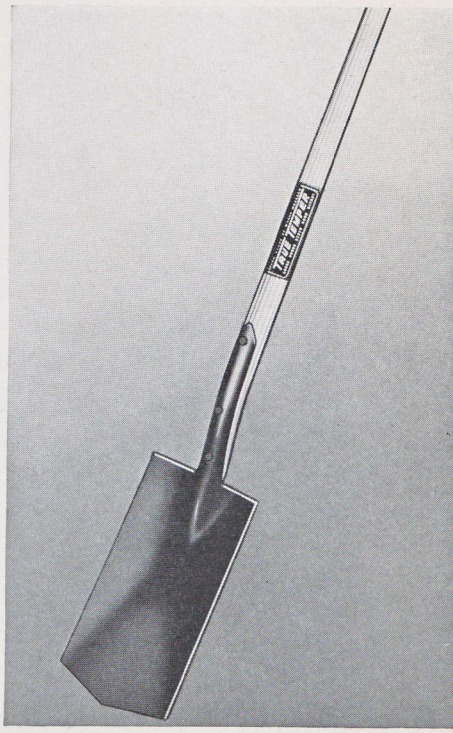
In these times it is a tremendous undertaking to maintain a position of superiority in any line of product. Perhaps TRUE TEMPER would not be what it is today without a background of years of experience and practically unlimited resources which have been steadfastly directed to accomplishing the best in material selection, design and construction.

With TRUE TEMPER as a standard, it has not been so hard to keep the lower quality tools superior to others in their price class. Better materials, experience, manufacturing facilities and methods is the answer and it continues to be our unwavering policy to give our distributors the best possible product in any price class we enter.



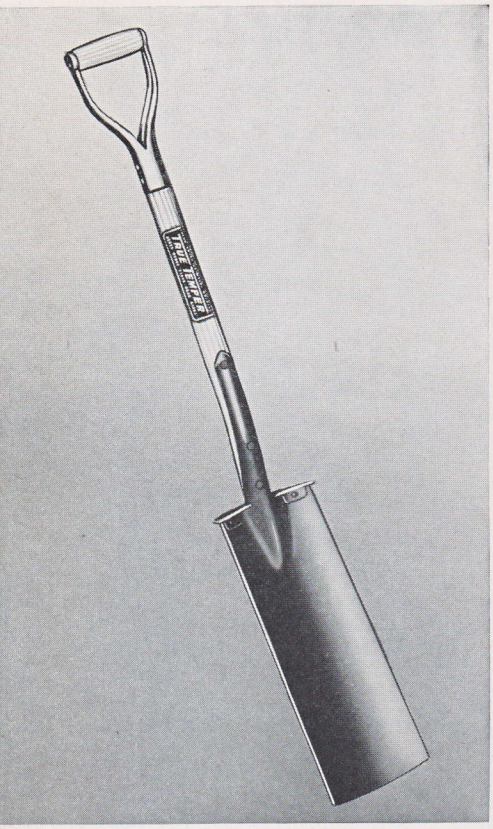
Cat. No. E37

Plain Back, Strap Iowa Pattern Spade, Size #2, with Round Point and SturdE Steel D Type Handle.

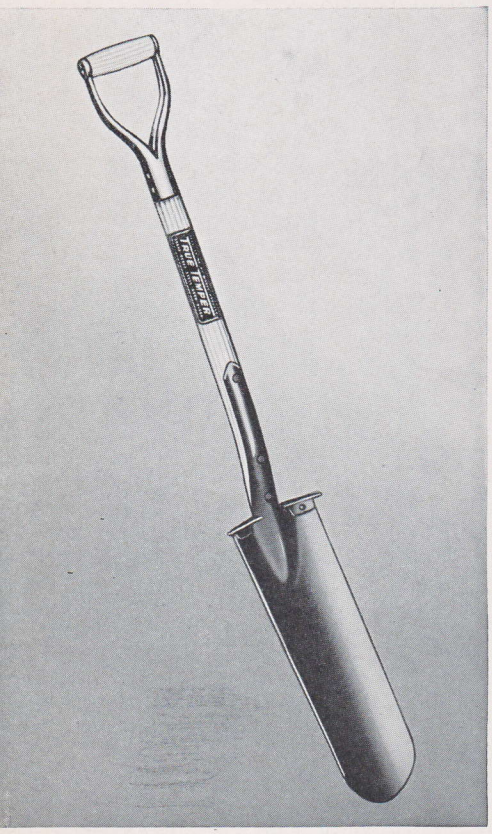


Cat. No. X38

Plain Back, Strap Vaterland Pattern Spade, Size #2, with Diamond Point and 51 inch Long Handle.



Cat. No. E227
16 in. Square Point Ditch Spade, Plain Back, Strap Pattern with SturdE Steel D Type Handle and Riveted Step.



Cat. No. E222
16 in. Round Point Drain Spade, Plain Back, Strap Pattern with SturdE Steel D Type Handle and Riveted Step.

POST, DITCH AND DRAIN SPADES

Plain Back—Strap Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND*

13 Gauge Blades, XX Grade Handles

Skelton Brands — *SKELTON SPECIAL AND KEYSTONE*

POST SPADES

List No.	Size No.	Point	Shoulder	Handle Description	Right Repair Handle No.
E326	14 inch	6 in.	5¾ in.	27 in. SturdE Steel D	REXX30
E327	16 "	6 "	5¾ "	27 " " " "	REXX30
E328	18 "	6 "	5¾ "	27 " " " "	REXX30
E329	20 "	6 "	5¾ "	27 " " " "	REXX30
Y326	14 "	6 "	5¾ "	27 " Wood Split D	RSXX30
Y327	16 "	6 "	5¾ "	27 " " " "	RSXX30
Y328	18 "	6 "	5¾ "	27 " " " "	RSXX30
Y329	20 "	6 "	5¾ "	27 " " " "	RSXX30

DITCH SPADES

E226	14 inch	6¼ in.	5¾ in.	27 in. SturdE Steel D	REXX30
E227	16 "	6¼ "	5¾ "	27 " " " "	REXX30
E228	18 "	6¼ "	5¾ "	27 " " " "	REXX30
E229	20 "	6¼ "	5¾ "	27 " " " "	REXX30
Y226	14 "	6¼ "	5¾ "	27 " Wood Split D	RSXX30
Y227	16 "	6¼ "	5¾ "	27 " " " "	RSXX30
Y228	18 "	6¼ "	5¾ "	27 " " " "	RSXX30
Y229	20 "	6¼ "	5¾ "	27 " " " "	RSXX30

DRAIN SPADES

E221	14 inch	4¾ in.	5½ in.	27 in. SturdE Steel D	REXX30
E222	16 "	4¾ "	5½ "	27 " " " "	REXX30
E223	18 "	4¾ "	5½ "	27 " " " "	REXX30
E224	20 "	4¾ "	5½ "	27 " " " "	REXX30
Y221	14 "	4¾ "	5½ "	27 " Wood Split D	RSXX30
Y222	16 "	4¾ "	5½ "	27 " " " "	RSXX30
Y223	18 "	4¾ "	5½ "	27 " " " "	RSXX30
Y224	20 "	4¾ "	5½ "	27 " " " "	RSXX30

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR

13 Gauge Blades, X Grade Handles

CRESCENT

POST SPADES

BE326	14 inch	6 in.	5¾ in.	27 in. SturdE Steel D	REX30
BE327	16 "	6 "	5¾ "	27 " " " "	REX30
BE328	18 "	6 "	5¾ "	27 " " " "	REX30
BE329	20 "	6 "	5¾ "	27 " " " "	REX30
BY326	14 "	6 "	5¾ "	27 " Wood Split D	RSX30
BY327	16 "	6 "	5¾ "	27 " " " "	RSX30
BY328	18 "	6 "	5¾ "	27 " " " "	RSX30
BY329	20 "	6 "	5¾ "	27 " " " "	RSX30

DITCH SPADES

BE226	14 inch	6¼ in.	5¾ in.	27 in. SturdE Steel D	REX30
BE227	16 "	6¼ "	5¾ "	27 " " " "	REX30
BE228	18 "	6¼ "	5¾ "	27 " " " "	REX30
BE229	20 "	6¼ "	5¾ "	27 " " " "	REX30
BY226	14 "	6¼ "	5¾ "	27 " Wood Split D	RSX30
BY227	16 "	6¼ "	5¾ "	27 " " " "	RSX30
BY228	18 "	6¼ "	5¾ "	27 " " " "	RSX30
BY229	20 "	6¼ "	5¾ "	27 " " " "	RSX30

DRAIN SPADES

BE221	14 inch	4¾ in.	5½ in.	27 in. SturdE Steel D	REX30
BE222	16 "	4¾ "	5½ "	27 " " " "	REX30
BE223	18 "	4¾ "	5½ "	27 " " " "	REX30
BE224	20 "	4¾ "	5½ "	27 " " " "	REX30
BY221	14 "	4¾ "	5½ "	27 " Wood Split D	RSX30
BY222	16 "	4¾ "	5½ "	27 " " " "	RSX30
BY223	18 "	4¾ "	5½ "	27 " " " "	RSX30
BY224	20 "	4¾ "	5½ "	27 " " " "	RSX30

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle

STANDARD LIFTS

All Sizes—Blade Lift, 3 inches—Handle Lift, 7 inches

For Special Lifts See Page 67

NURSERY AND GRAFTING SPADES

Plain Back—Strap Pattern

With Overlaid Front and Back Straps for Heavy Duty Service

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

8 Gauge Blades, XX Grade Handles

Conneaut Brands *CONNEAUT SPECIAL AND DIAMOND*

Skelton Brands *SKELTON SPECIAL AND KEYSTONE*

NURSERY SPADES

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E300	2	5¾ in. x 7½ in. x 12¾ in. Tapered Blade	27 in. SturdE Steel D	REXXGS
Y300	2	5¾ " x 7½ " x 12¾ " " "	27 in. Wood Split D	RSXXGS
X300	2	5¾ " x 7½ " x 12¾ " " "	51 in. Long Handle	R2X54GS

GRAFTING SPADES

13 Gauge Blades, XX Grade Handles

E36T	2	6¼x7x12 in. Standard Tapered Point	27 in. SturdE Steel D	REXXGS
E35F	2	7x12 " " Wide "	27 " " " "	REXXGS
Y36T	2	6¼x7x12 " " Tapered "	27 in. Wood Split D	RSXXGS
Y35F	2	7x12 " " Wide "	27 " " " "	RSXXGS
X36T	2	6¼x7x12 " " Tapered "	51 in. Long Handle	R2X54GS
X35F	2	7x12 " " Wide "	51 " " "	R2X54GS

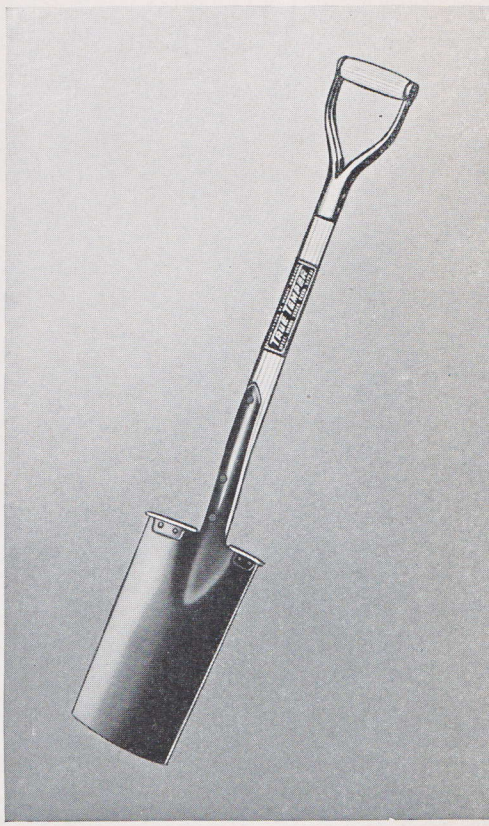
List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 3 inches—Handle Lift, 7 inches.
Long Handle—Blade Lift, 3 inches—Handle Lift, 17 inches.

For Special Lifts See Page 67

Cat. No. E300
Plain Back, Strap Pattern Nursery Spade, Size #2, with Tapered Blade, Riveted Step and SturdE Steel D Type Handle.



Cat. No. E36T
Plain Back, Strap Pattern Grafting Spade, Size #2, with Wide Point Blade, Riveted Step and SturdE Steel D Type Handle.

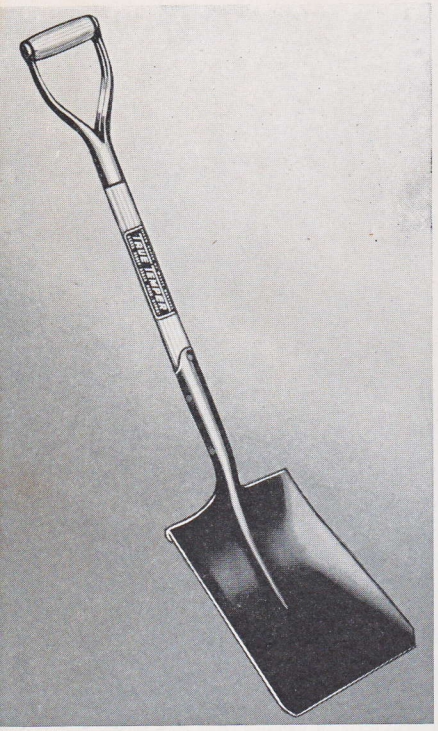
SELLING ANY LINE REQUIRES MERCHANDISING

An important part of the merchandising function has been accomplished when acceptance is established, as is definitely a fact with TRUE TEMPER Shovels.

Not satisfied with that, however, this company continues to cooperate with its distributors in many ways. This catalog is one. Other sales literature and information is continually being sent out along with cuts and illustrative material for catalogs.

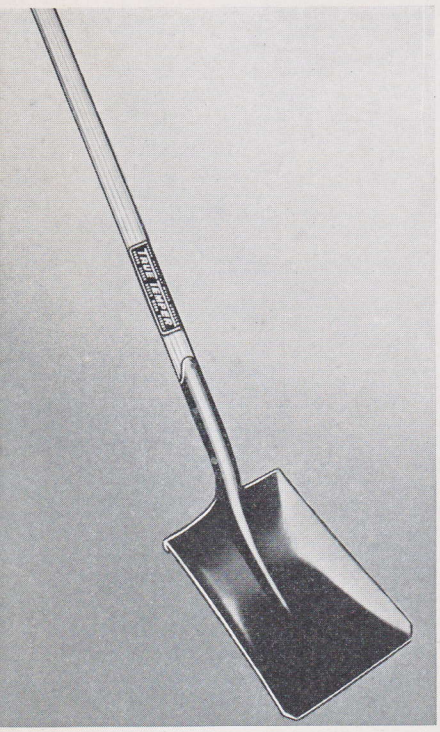
The attractive finish and appearance of TRUE TEMPER Shovels is a self merchandiser if displayed. To help display them properly we gladly cooperate with suggestions arising from our extensive experience in merchandising and with display material.

It is a continuous program and we ourselves welcome suggestions which will help to improve our service in this direction. This is a mutual business with mutual responsibilities and mutual profits.



Cat. No. E19

Standard Square Point Hollow Back Dirt Shovel, Size #2, With Rolled Shoulder and SturdE Steel D Type Handle.



Cat. No. X19

Standard Square Point Hollow Back Dirt Shovel, Size #2, With Rolled Shoulder and Long Handle.

STANDARD HOLLOW BACK SHOVELS

Square Point Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND*

15 Gauge Blades, XX Grade Handles

Skelton Brands — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E19	2	9¾ in. x 11½ in. With Rolled Shoulder	27 in. SturdE Steel D	REXXHT
E20	3	10¼ " x 12 " " " "	27 " " " "	REXXHT
E21	4	10¾ " x 12 " " " "	27 " " " "	REXXH
E23	6	11¾ " x 13 " " " "	27 " " " "	REXXH
Y19	2	9¾ " x 11½ " " " "	27 in. Wood Split D	RSXXHT
Y20	3	10¼ " x 12 " " " "	27 " " " "	RSXXHT
Y21	4	10¾ " x 12 " " " "	27 " " " "	RSXXH
Y23	6	11¾ " x 13 " " " "	27 " " " "	RSXXH
X19	2	9¾ " x 11½ " " " "	51 in. Long Handle	R2X54HT
X20	3	10¼ " x 12 " " " "	51 " " "	R2X54HT
X21	4	10¾ " x 12 " " " "	51 " " "	R2X54H
X23	6	11¾ " x 13 " " " "	51 " " "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — **15 Gauge Blades, X Grade Handles** — *CRESCENT*

BE19	2	9¾ in. x 11½ in. With Rolled Shoulder	27 in. SturdE Steel D	REXHT
BE20	3	10¼ " x 12 " " " "	27 " " " "	REXHT
BE21	4	10¾ " x 12 " " " "	27 " " " "	REXH
BE23	6	11¾ " x 13 " " " "	27 " " " "	REXH
BY19	2	9¾ " x 11½ " " " "	27 in. Wood Split D	RSXHT
BY20	3	10¼ " x 12 " " " "	27 " " " "	RSXHT
BY21	4	10¾ " x 12 " " " "	27 " " " "	RSXH
BY23	6	11¾ " x 13 " " " "	27 " " " "	RSXH
BX19	2	9¾ " x 11½ " " " "	51 in. Long Handle	R1X54HT
BX20	3	10¼ " x 12 " " " "	51 " " "	R1X54HT
BX21	4	10¾ " x 12 " " " "	51 " " "	R1X54H
BX23	6	11¾ " x 13 " " " "	51 " " "	R1X54H

GRADE C, CARBON STEEL BLADE, HEAT TREATED

PARROT — **15 Gauge Blades, No. 1 Grade Handles** — *PARROT*

PE19	2	9¾ in. x 11½ in. With Rolled Shoulder	27 in. SturdE Steel D	RE1HT
PE20	3	10¼ " x 12 " " " "	27 " " " "	RE1HT
PY19	2	9¾ " x 11½ " " " "	27 in. Wood Split D	RS1HT
PY20	3	10¼ " x 12 " " " "	27 " " " "	RSIHT
PX19	2	9¾ " x 11½ " " " "	47 in. Long Handle	R150HT
PX20	3	10¼ " x 12 " " " "	47 " " "	R150HT

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — **15 Gauge Blades, No. 1 Grade Handles** — *IMPERATOR*

CE19	2	9¾ in. x 11½ in. With Rolled Shoulder	27 in. SturdE Steel D	RE1HT
CE20	3	10¼ " x 12 " " " "	27 " " " "	RE1HT
CE21	4	10¾ " x 12 " " " "	27 " " " "	RE1H
CE23	6	11¾ " x 13 " " " "	27 " " " "	RE1H
CY19	2	9¾ " x 11½ " " " "	27 in. Wood Split D	RS1HT
CY20	3	10¼ " x 12 " " " "	27 " " " "	RS1HT
CY21	4	10¾ " x 12 " " " "	27 " " " "	RS1H
CY23	6	11¾ " x 13 " " " "	27 " " " "	RS1H
CX19	2	9¾ " x 11½ " " " "	51 in. Long Handle	R154HT
CX20	3	10¼ " x 12 " " " "	51 " " "	R154HT
CX21	4	10¾ " x 12 " " " "	51 " " "	R154H
CX23	6	11¾ " x 13 " " " "	51 " " "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 5 inches—Handle Lift, 19 inches.
47" Long Handle—Blade Lift, 5 inches—Handle Lift, 31 inches.
51" Long Handle—Blade Lift, 5 inches—Handle Lift, 33 inches.

For Special Lifts See Page 67

STANDARD HOLLOW BACK SHOVELS

Round Point Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — 15 Gauge Blades, XX Grade Handles — Skelton Brands — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E30	2	8⅝ in. x 12 in. With Rolled Shoulder	27 in. SturdE Steel D	REXXHT
E31	3	9⅛ " x 12½ " " " "	27 " " " "	REXXHT
E32	4	9⅝ " x 13 " " " "	27 " " " "	REXXH
E34	6	10⅝ " x 13½ " " " "	27 " " " "	REXXH
Y30	2	8⅝ " x 12 " " " "	27 in. Wood Split D	RSXXHT
Y31	3	9⅛ " x 12½ " " " "	27 " " " "	RSXXHT
Y32	4	9⅝ " x 13 " " " "	27 " " " "	RSXXH
Y34	6	10⅝ " x 13½ " " " "	27 " " " "	RSXXH
X30	2	8⅝ " x 12 " " " "	51 in. Long Handle	R2X54HT
X31	3	9⅛ " x 12½ " " " "	51 " " "	R2X54HT
X32	4	9⅝ " x 13 " " " "	51 " " "	R2X54H
X34	6	10⅝ " x 13½ " " " "	51 " " "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 15 Gauge Blades, X Grade Handles — *CRESCENT*

BE30	2	8⅝ in. x 12 in. With Rolled Shoulder	27 in. SturdE Steel D	REXHT
BE31	3	9⅛ " x 12½ " " " "	27 " " " "	REXHT
BE32	4	9⅝ " x 13 " " " "	27 " " " "	REXH
BE34	6	10⅝ " x 13½ " " " "	27 " " " "	REXH
BY30	2	8⅝ " x 12 " " " "	27 in. Wood Split D	RSXHT
BY31	3	9⅛ " x 12½ " " " "	27 " " " "	RSXHT
BY32	4	9⅝ " x 13 " " " "	27 " " " "	RSXH
BY34	6	10⅝ " x 13½ " " " "	27 " " " "	RSXH
BX30	2	8⅝ " x 12 " " " "	51 in. Long Handle	R1X54HT
BX31	3	9⅛ " x 12½ " " " "	51 " " "	R1X54HT
BX32	4	9⅝ " x 13 " " " "	51 " " "	R1X54H
BX34	6	10⅝ " x 13½ " " " "	51 " " "	R1X54H

GRADE C, CARBON STEEL BLADE, HEAT TREATED

PARROT — 15 Gauge Blades, No. 1 Grade Handles — *PARROT*

PE30	2	8⅝ in. x 12 in. With Rolled Shoulder	27 in. SturdE Steel D	RE1HT
PE31	3	9⅛ " x 12½ " " " "	27 " " " "	RE1HT
PY30	2	8⅝ " x 12 " " " "	27 in. Wood Split D	RS1HT
PY31	3	9⅛ " x 12½ " " " "	27 " " " "	RS1HT
PX30	2	8⅝ " x 12 " " " "	47 in. Long Handle	R150HT
PX31	3	9⅛ " x 12½ " " " "	47 " " "	R150HT

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 15 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

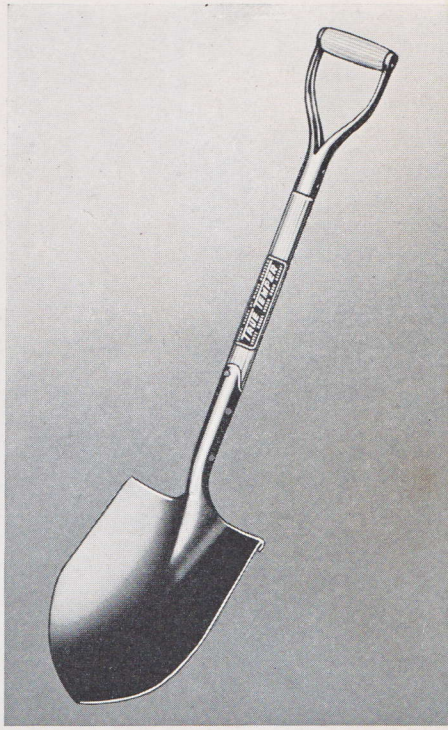
CE30	2	8⅝ in. x 12 in. With Rolled Shoulder	27 in. SturdE Steel D	RE1HT
CE31	3	9⅛ " x 12½ " " " "	27 " " " "	RE1HT
CE32	4	9⅝ " x 13 " " " "	27 " " " "	RE1H
CE34	6	10⅝ " x 13½ " " " "	27 " " " "	RE1H
CY30	2	8⅝ " x 12 " " " "	27 in. Wood Split D	RS1HT
CY31	3	9⅛ " x 12½ " " " "	27 " " " "	RS1HT
CY32	4	9⅝ " x 13 " " " "	27 " " " "	RS1H
CY34	6	10⅝ " x 13½ " " " "	27 " " " "	RS1H
CX30	2	8⅝ " x 12 " " " "	51 in. Long Handle	R154HT
CX31	3	9⅛ " x 12½ " " " "	51 " " "	R154HT
CX32	4	9⅝ " x 13 " " " "	51 " " "	R154H
CX34	6	10⅝ " x 13½ " " " "	51 " " "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

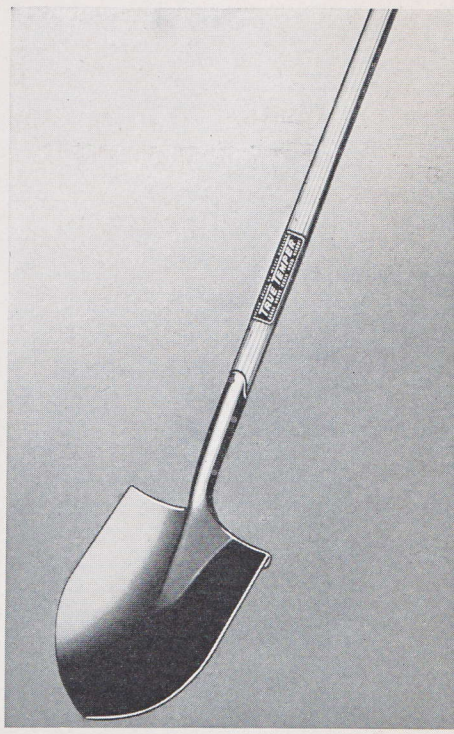
D Handle—Blade Lift, 6½ inches—Handle Lift, 19 inches.
47" Long Handle—Blade Lift, 6½ inches—Handle Lift, 31 inches.
51" Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.

For Special Lifts See Page 67



Cat. No. E30

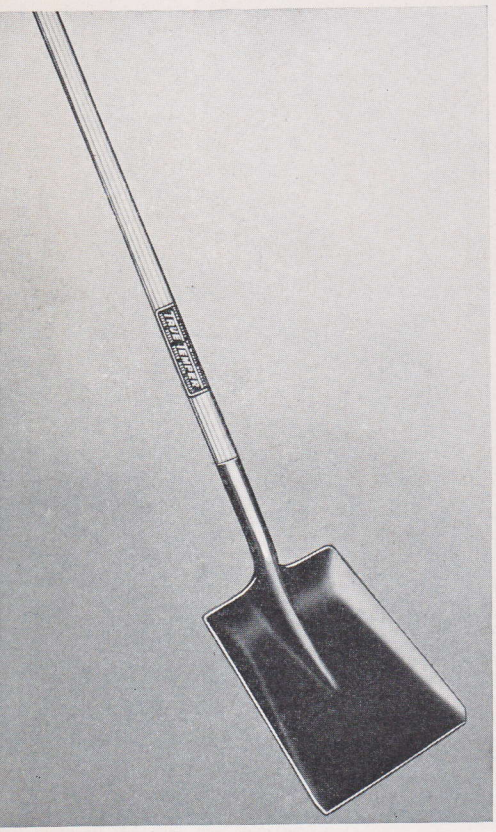
Standard Round Point Hollow Back Dirt Shovel, Size #2, With Rolled Shoulder and SturdE Steel D Type Handle.



Cat. No. X30

Standard Round Point Hollow Back Dirt Shovel, Size #2, With Rolled Shoulder and Long Handle.

Cat. No. E39
Hollow Back, Mikkola Pattern, Concrete Shovel, Size #2, with Drop Point Blade and SturdE Steel D Type Handle.



Cat. No. X39
Hollow Back, Mikkola Pattern, Concrete Shovel, Size #2, with Drop Point Blade and 51 inch Long Handle.

CONCRETE SHOVELS

Hollow Back—Mikkola Pattern With High Sides

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brand — *CONNEAUT SPECIAL AND DIAMOND* — **XX Grade Handles** — *SKELTON SPECIAL AND KEYSTONE* — **Skelton Brand**

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E39	2	9½ in. x 11½ in. 14 Gauge With Drop Point	27 in. SturdE Steel D	REXXH
E40	3	10 " x 12 " 14 " " " "	27 " " " "	REXXH
E41	4	10½ " x 12½ " 14 " " " "	27 " " " "	REXXH
Y39	2	9½ " x 11½ " 14 " " " "	27 in. Wood Split D	RSXXH
Y40	3	10 " x 12 " 14 " " " "	27 " " " "	RSXXH
Y41	4	10½ " x 12½ " 14 " " " "	27 " " " "	RSXXH
X39	2	9½ " x 11½ " 14 " " " "	51 in. Long Handle	R2X54H
X40	3	10 " x 12 " 14 " " " "	51 " " "	R2X54H
X41	4	10½ " x 12½ " 14 " " " "	51 " " "	R2X54H
E25	2	9½ in. x 11½ in. 14 Gauge Without Drop Pt.	27 in. SturdE Steel D	REXXH
E26	3	10 " x 12 " 14 " " " "	27 " " " "	REXXH
E27	4	10½ " x 12½ " 14 " " " "	27 " " " "	REXXH
Y25	2	9½ " x 11½ " 14 " " " "	27 in. Wood Split D	RSXXH
Y26	3	10 " x 12 " 14 " " " "	27 " " " "	RSXXH
Y27	4	10½ " x 12½ " 14 " " " "	27 " " " "	RSXXH
X25	2	9½ " x 11½ " 14 " " " "	51 in. Long Handle	R2X54H
X26	3	10 " x 12 " 14 " " " "	51 " " "	R2X54H
X27	4	10½ " x 12½ " 14 " " " "	51 " " "	R2X54H
E43	6	11½ in. x 13½ in. 15 Gauge With Drop Point	27 in. SturdE Steel D	REXXH
Y43	6	11½ " x 13½ " 15 " " " "	27 in. Wood Split D	RSXXH
X43	6	11½ " x 13½ " 15 " " " "	51 in. Long Handle	R2X54H
E29	6	11½ in. x 13½ in. 15 Gauge Without Drop Pt.	27 in. SturdE Steel D	REXXH
Y29	6	11½ " x 13½ " 15 " " " "	27 in. Wood Split D	RSXXH
X29	6	11½ " x 13½ " 15 " " " "	51 in. Long Handle	R2X54H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle —Blade Lift, 6 inches —Handle Lift, 19 inches.
Long Handle —Blade Lift, 6 inches —Handle Lift, 33 inches.

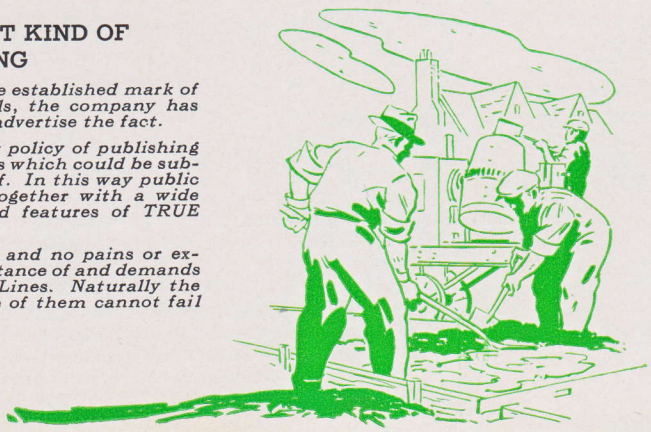
For Special Lifts See Page 67

MORE OF THE RIGHT KIND OF ADVERTISING

Since TRUE TEMPER became the established mark of quality for certain types of tools, the company has spent hundreds of thousands to advertise the fact.

Yet it has adhered to a steadfast policy of publishing only the most conservative claims which could be substantiated by all manner of proof. In this way public confidence has been built up together with a wide familiarity with the merits and features of TRUE TEMPER Tools.

This program will be continued and no pains or expense spared to expand the acceptance of and demands for the various TRUE TEMPER Lines. Naturally the distributor who carries any one of them cannot fail to benefit.



ORE AND SAND SHOVELS

Hollow Back—Mikkola Pattern—With Low Sides

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brand

CONNEAUT SPECIAL AND DIAMOND

XX Grade Handles

Skelton Brand

SKELTON SPECIAL AND KEYSTONE

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E1	2	10 in. x 11½ in.	14 Gauge With Drop Point	27 in. SturdE Steel D	REXXH
E2	3	10½ " x 12 "	14 " " " "	27 " " " "	REXXH
E3	4	11 " x 12½ "	14 " " " "	27 " " " "	REXXH
E5	6	12 " x 13½ "	15 " " " "	27 " " " "	REXXH
Y1	2	10 " x 11½ "	14 " " " "	27 in. Wood Split D	RSXXH
Y2	3	10½ " x 12 "	14 " " " "	27 " " " "	RSXXH
Y3	4	11 " x 12½ "	14 " " " "	27 " " " "	RSXXH
Y5	6	12 " x 13½ "	15 " " " "	27 " " " "	RSXXH
X1	2	10 " x 11½ "	14 " " " "	51 in. Long Handle	R2X54H
X2	3	10½ " x 12 "	14 " " " "	51 " " "	R2X54H
X3	4	11 " x 12½ "	14 " " " "	51 " " "	R2X54H
X5	6	12 " x 13½ "	15 " " " "	51 " " "	R2X54H
E6	2	10 in. x 11½ in.	14 Gauge Without Drop Pt.	27 in. SturdE Steel D	REXXH
E7	3	10½ " x 12 "	14 " " " "	27 " " " "	REXXH
E8	4	11 " x 12½ "	14 " " " "	27 " " " "	REXXH
E10	6	12 " x 13½ "	15 " " " "	27 " " " "	REXXH
Y6	2	10 " x 11½ "	14 " " " "	27 in. Wood Split D	RSXXH
Y7	3	10½ " x 12 "	14 " " " "	27 " " " "	RSXXH
Y8	4	11 " x 12½ "	14 " " " "	27 " " " "	RSXXH
Y10	6	12 " x 13½ "	15 " " " "	27 " " " "	RSXXH
X6	2	10 " x 11½ "	14 " " " "	51 in. Long Handle	R2X54H
X7	3	10½ " x 12 "	14 " " " "	51 " " "	R2X54H
X8	4	11 " x 12½ "	14 " " " "	51 " " "	R2X54H
X10	6	12 " x 13½ "	15 " " " "	51 " " "	R2X54H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 6 inches—Handle Lift, 19 inches.
Long Handle—Blade Lift, 6 inches—Handle Lift, 33 inches.

For Special Lifts See Page 67

TRUE TEMPER ALWAYS A LEADER

A number of things contribute to the fact.

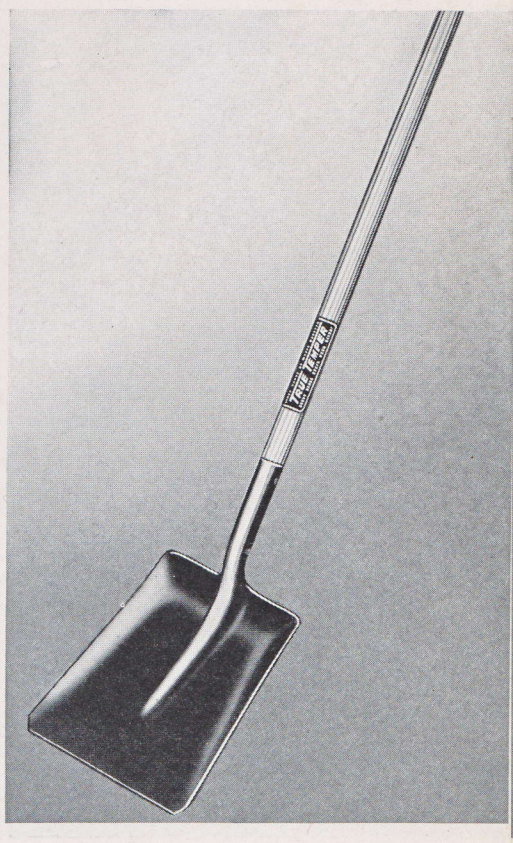
First, the undeviating adherence to the high standards of quality which established the name.

Continual development, advancing methods, improvement of the lines and expanding operations play their part.

Fair and honest dealings with associates and competitors, with distributors and the consuming public cannot help but maintain a commanding position in the Industry.

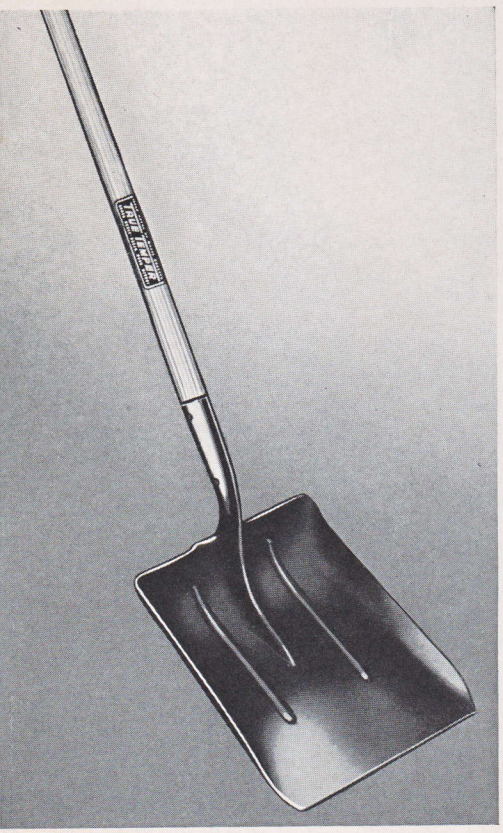
And, finally, the finest distributing organization in this business plays no small part in TRUE TEMPER leadership.

Cat. No. E1
Hollow Back, Mikkola Pattern Low Sided Ore or Sand Shovel, Size #2, with Drop Point and SturdE Steel D Type Handle.



Cat. No. X6
Hollow Back, Mikkola Pattern Low Sided Ore or Sand Shovel. Size #2, without Drop Point and 51 inch Long Handle.

Cat. No. E72
Hollow Back Coal Shovel With Three Ribbed Blade, Size #2, With SturdE Steel D Type Handle.



Cat. No. X72
Hollow Back Coal Shovel With Three Ribbed Blade, Size #2, With Long Handle.

COAL SHOVELS

Hollow Back—Three Ribbed Corrugated Blade

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — **16 Gauge Blades, XX Grade Handles** — **Skelton Brands** — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E71	1	13 in. x 14¼ in.	27 in. SturdE Steel D	REXXH
E72	2	13½ " x 14¾ "	27 " " " "	REXXH
E73	3	14 " x 15¼ "	27 " " " "	REXXH
E74	4	14½ " x 15¾ "	27 " " " "	REXXH
E755	5	15 " x 16¼ "	27 " " " "	REXXH
Y71	1	13 " x 14¼ "	27 in. Wood Split D	RSXXH
Y72	2	13½ " x 14¾ "	27 " " " "	RSXXH
Y73	3	14 " x 15¼ "	27 " " " "	RSXXH
Y74	4	14½ " x 15¾ "	27 " " " "	RSXXH
Y755	5	15 " x 16¼ "	27 " " " "	RSXXH
W71	1	13 " x 14¼ "	27 in. Wood D	RWXXH
W72	2	13½ " x 14¾ "	27 " " "	RWXXH
W73	3	14 " x 15¼ "	27 " " "	RWXXH
W74	4	14½ " x 15¾ "	27 " " "	RWXXH
W755	5	15 " x 16¼ "	27 " " "	RWXXH
X71	1	13 " x 14¼ "	51 in. Long Handle	R2X54H
X72	2	13½ " x 14¾ "	51 " " "	R2X54H
X73	3	14 " x 15¼ "	51 " " "	R2X54H
X74	4	14½ " x 15¾ "	51 " " "	R2X54H
X755	5	15 " x 16¼ "	51 " " "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — **16 Gauge Blades, X Grade Handles** — *CRESCENT*

BE71	1	13 in. x 14¼ in.	27 in. SturdE Steel D	REXH
BE72	2	13½ " x 14¾ "	27 " " " "	REXH
BE73	3	14 " x 15¼ "	27 " " " "	REXH
BE74	4	14½ " x 15¾ "	27 " " " "	REXH
BE755	5	15 " x 16¼ "	27 " " " "	REXH
BY71	1	13 " x 14¼ "	27 in. Wood Split D	RSXH
BY72	2	13½ " x 14¾ "	27 " " " "	RSXH
BY73	3	14 " x 15¼ "	27 " " " "	RSXH
BY74	4	14½ " x 15¾ "	27 " " " "	RSXH
BY755	5	15 " x 16¼ "	27 " " " "	RSXH
BW71	1	13 " x 14¼ "	27 in. Wood D	RWXH
BW72	2	13½ " x 14¾ "	27 " " "	RWXH
BW73	3	14 " x 15¼ "	27 " " "	RWXH
BW74	4	14½ " x 15¾ "	27 " " "	RWXH
BW755	5	15 " x 16¼ "	27 " " "	RWXH
BX71	1	13 " x 14¼ "	51 in. Long Handle	R1X54H
BX72	2	13½ " x 14¾ "	51 " " "	R1X54H
BX73	3	14 " x 15¼ "	51 " " "	R1X54H
BX74	4	14½ " x 15¾ "	51 " " "	R1X54H
BX755	5	15 " x 16¼ "	51 " " "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — **16 Gauge Blades, No. 1 Grade Handles** — *IMPERATOR*

CE71	1	13 in. x 14½ in.	27 in. SturdE Steel D	RE1H
CE72	2	13½ " x 14¾ "	27 " " " "	RE1H
CE73	3	14 " x 15¼ "	27 " " " "	RE1H
CE74	4	14½ " x 15¾ "	27 " " " "	RE1H
CE755	5	15 " x 16¼ "	27 " " " "	RE1H
CY71	1	13 " x 14½ "	27 in. Wood Split D	RS1H
CY72	2	13½ " x 14¾ "	27 " " " "	RS1H
CY73	3	14 " x 15¼ "	27 " " " "	RS1H
CY74	4	14½ " x 15¾ "	27 " " " "	RS1H
CY755	5	15 " x 16¼ "	27 " " " "	RS1H
CW17	1	13 " x 14½ "	27 in. Wood D	RW1H
CW27	2	13½ " x 14¾ "	27 " " "	RW1H
CW37	3	14 " x 15¼ "	27 " " "	RW1H
CW47	4	14½ " x 15¾ "	27 " " "	RW1H
CW575	5	15 " x 16¼ "	27 " " "	RW1H
CX71	1	13 " x 14½ "	51 in. Long Handle	R154H
CX72	2	13½ " x 14¾ "	51 " " "	R154H
CX73	3	14 " x 15¼ "	51 " " "	R154H
CX74	4	14½ " x 15¾ "	51 " " "	R154H
CX755	5	15 " x 16¼ "	51 " " "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.
Three Ribbed Coal Mine Shovels can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.
For Special Lifts See Page 67

COAL SHOVELS

Hollow Back—Standard Flat Blade

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — **16 Gauge Blades, XX Grade Handles** — **Skelton Brands** — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E68	1	13 in. x 14 in.	27 inch SturdE Steel D	REXXH
E69	2	13½ " x 14½ "	27 " " " "	REXXH
E70	3	14 " x 15 "	27 " " " "	REXXH
Y68	1	13 " x 14 "	27 inch Wood Split D	RSXXH
Y69	2	13½ " x 14½ "	27 " " " "	RSXXH
Y70	3	14 " x 15 "	27 " " " "	RSXXH
W68	1	13 " x 14 "	27 inch Wood D	RWXXH
W69	2	13½ " x 14½ "	27 " " "	RWXXH
W70	3	14 " x 15 "	27 " " "	RWXXH
X68	1	13 " x 14 "	51 inch Long Handle	R2X54H
X69	2	13½ " x 14½ "	41 " " "	R2X54H
X70	3	14 " x 15 "	51 " " "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — **16 Gauge Blades, X Grade Handles** — *CRESCENT*

BE68	1	13 in. x 14 in.	27 inch SturdE Steel D	REXH
BE69	2	13½ " x 14½ "	27 " " " "	REXH
BE70	3	14 " x 15 "	27 " " " "	REXH
BY68	1	13 " x 14 "	27 inch Wood Split D	RSXH
BY69	2	13½ " x 14½ "	27 " " " "	RSXH
BY70	3	14 " x 15 "	27 " " " "	RSXH
BW68	1	13 " x 14 "	27 inch Wood D	RWXH
BW69	2	13½ " x 14½ "	27 " " "	RWXH
BW70	3	14 " x 15 "	27 " " "	RWXH
BX68	1	13 " x 14 "	51 inch Long Handle	R1X54H
BX69	2	13½ " x 14½ "	51 " " "	R1X54H
BX70	3	14 " x 15 "	51 " " "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — **16 Gauge Blades, No. 1 Grade Handles** — *IMPERATOR*

CE68	1	13 in. x 14 in.	27 inch SturdE Steel D	RE1H
CE69	2	13½ " x 14½ "	27 " " " "	RE1H
CE70	3	14 " x 15 "	27 " " " "	RE1H
CY68	1	13 " x 14 "	27 inch Wood Split D	RS1H
CY69	2	13½ " x 14½ "	27 " " " "	RS1H
CY70	3	14 " x 15 "	27 " " " "	RS1H
CW68	1	13 " x 14 "	27 inch Wood D	RW1H
CW69	2	13½ " x 14½ "	27 " " "	RW1H
CW70	3	14 " x 15 "	27 " " "	RW1H
CX68	1	13 " x 14 "	51 inch Long Handle	R154H
CX69	2	13½ " x 14½ "	51 " " "	R154H
CX70	3	14 " x 15 "	51 " " "	R154H

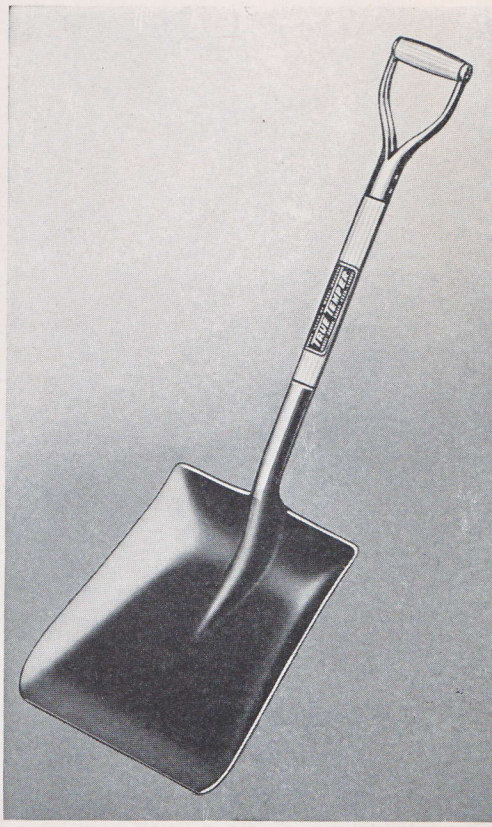
List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

Standard Flat Blade Coal Mine Shovels can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

STANDARD LIFTS

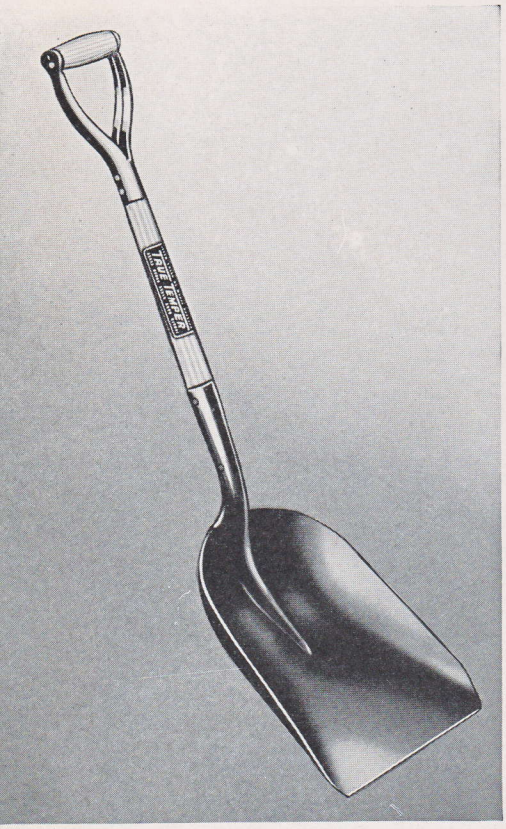
D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.

For Special Lifts See Page 67



Cat. No. E69
Hollow Back, Standard Flat Bladed Coal Shovel, Size #2, with SturdE Steel D Type Handle.

Cat. No. X69
Hollow Back, Standard Flat Bladed Coal Shovel, Size #2, with 51 inch Long Handle.



Cat. No. E61
Hollow Back Narrow Mouth Scoop, Size #2 With SturdE Steel D Type Handle.

Cat. No. X61
Hollow Back Narrow Mouth Scoop, Size #2 With Long Handle.

EASTERN PATTERN (or Locomotive) SCOOPS

Hollow Back—Narrow Mouth

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — 16 Gauge Blades, XX Grade Handles — *SKELTON SPECIAL AND KEYSTONE* — **Skelton Brands**

27 inch SturdE Steel D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
E61	2	11¾ in. x 14¾ in.	REXXH
E62	3	12 " x 15¼ "	REXXH
E63	4	12¼ " x 15¾ "	REXXH
E64	5	12½ " x 16¼ "	REXXH
E65	6	12¾ " x 16¾ "	REXXH
E66	7	13 " x 17¼ "	REXXH

27 inch Wood D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
W61	2	11¾ in. x 14¾ in.	RWXXH
W62	3	12 " x 15¼ "	RWXXH
W63	4	12¼ " x 15¾ "	RWXXH
W64	5	12½ " x 16¼ "	RWXXH
W65	6	12¾ " x 16¾ "	RWXXH
W66	7	13 " x 17¼ "	RWXXH

27 inch Wood Split D Handle

Y61	2	11¾ in. x 14¾ in.	RSXXH
Y62	3	12 " x 15¼ "	RSXXH
Y63	4	12¼ " x 15¾ "	RSXXH
Y64	5	12½ " x 16¼ "	RSXXH
Y65	6	12¾ " x 16¾ "	RSXXH
Y66	7	13 " x 17¼ "	RSXXH

51 inch Long Handle

X61	2	11¾ in. x 14¾ in.	R2X54H
X62	3	12 " x 15¼ "	R2X54H
X63	4	12¼ " x 15¾ "	R2X54H
X64	5	12½ " x 16¼ "	R2X54H
X65	6	12¾ " x 16¾ "	R2X54H
X66	7	13 " x 17¼ "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 16 Gauge Blades, X Grade Handles — *CRESCENT*

27 inch SturdE Steel D Handle

BE61	2	11¾ in. x 14¾ in.	REXH
BE62	3	12 " x 15¼ "	REXH
BE63	4	12¼ " x 15¾ "	REXH
BE64	5	12½ " x 16¼ "	REXH
BE65	6	12¾ " x 16¾ "	REXH
BE66	7	13 " x 17¼ "	REXH

27 inch Wood D Handle

BW61	2	11¾ in. x 14¾ in.	RWXH
BW62	3	12 " x 15¼ "	RWXH
BW63	4	12¼ " x 15¾ "	RWXH
BW64	5	12½ " x 16¼ "	RWXH
BW65	6	12¾ " x 16¾ "	RWXH
BW66	7	13 " x 17¼ "	RWXH

27 inch Wood Split D Handle

BY61	2	11¾ in. x 14¾ in.	RSXH
BY62	3	12 " x 15¼ "	RSXH
BY63	4	12¼ " x 15¾ "	RSXH
BY64	5	12½ " x 16¼ "	RSXH
BY65	6	12¾ " x 16¾ "	RSXH
BY66	7	13 " x 17¼ "	RSXH

51 inch Long Handle

BX61	2	11¾ in. x 14¾ in.	R1X54H
BX62	3	12 " x 15¼ "	R1X54H
BX63	4	12¼ " x 15¾ "	R1X54H
BX64	5	12½ " x 16¼ "	R1X54H
BX65	6	12¾ " x 16¾ "	R1X54H
BX66	7	13 " x 17¼ "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 16 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

27 inch SturdE Steel D Handle

CE61	2	11¾ in. x 14¾ in.	RE1H
CE62	3	12 " x 15¼ "	RE1H
CE63	4	12¼ " x 15¾ "	RE1H
CE64	5	12½ " x 16¼ "	RE1H
CE65	6	12¾ " x 16¾ "	RE1H
CE66	7	13 " x 17¼ "	RE1H

27 inch Wood D Handle

CW61	2	11¾ in. x 14¾ in.	RW1H
CW62	3	12 " x 15¼ "	RW1H
CW63	4	12¼ " x 15¾ "	RW1H
CW64	5	12½ " x 16¼ "	RW1H
CW65	6	12¾ " x 16¾ "	RW1H
CW66	7	13 " x 17¼ "	RW1H

27 inch Wood Split D Handle

CY61	2	11¾ in. x 14¾ in.	RS1H
CY62	3	12 " x 15¼ "	RS1H
CY63	4	12¼ " x 15¾ "	RS1H
CY64	5	12½ " x 16¼ "	RS1H
CY65	6	12¾ " x 16¾ "	RS1H
CY66	7	13 " x 17¼ "	RS1H

51 inch Long Handle

CX61	2	11¾ in. x 14¾ in.	R154H
CX62	3	12 " x 15¼ "	R154H
CX63	4	12¼ " x 15¾ "	R154H
CX64	5	12½ " x 16¼ "	R154H
CX65	6	12¾ " x 16¾ "	R154H
CX66	7	13 " x 17¼ "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.

Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Eastern Pattern Scoops can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift 33 inches.

For Special Lifts See Page 67

WESTERN PATTERN SCOOPS

Hollow Back—Wide Mouth

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — 16 Gauge Blades, XX Grade Handles — *SKELTON SPECIAL AND KEYSTONE* — Skelton Brands

27 inch SturdE Steel D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
E56	6	13¾ in. x 16 in.	REXXH
E57	7	14 " x 16½ "	REXXH
E58	8	14¼ " x 17 "	REXXH
E60	10	14¾ " x 18 "	REXXH
E5612	12	14¾ " x 19 "	REXXH

27 inch Wood Split D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
Y56	6	13¾ in. x 16 in.	RSXXH
Y57	7	14 " x 16½ "	RSXXH
Y58	8	14¼ " x 17 "	RSXXH
Y60	10	14¾ " x 18 "	RSXXH
Y5612	12	14¾ " x 19 "	RSXXH

27 inch Wood D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
W56	6	13¾ in. x 16 in.	RWXXH
W57	7	14 " x 16½ "	RWXXH
W58	8	14¼ " x 17 "	RWXXH
W60	10	14¾ " x 18 "	RWXXH
W5612	12	14¾ " x 19 "	RWXXH

51 inch Long Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
X56	6	13¾ in. x 16 in.	R2X54H
X57	7	14 " x 16½ "	R2X54H
X58	8	14¼ " x 17 "	R2X54H
X60	10	14¾ " x 18 "	R2X54H
X5612	12	14¾ " x 19 "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 16 Gauge Blades, X Grade Handles — *CRESCENT*

27 inch SturdE Steel D Handle

BE56	6	13¾ in. x 16 in.	REXH
BE57	7	14 " x 16½ "	REXH
BE58	8	14¼ " x 17 "	REXH
BE60	10	14¾ " x 18 "	REXH
BE5612	12	14¾ " x 19 "	REXH

27 inch Wood Split D Handle

BY56	6	13¾ in. x 16 in.	RSXH
BY57	7	14 " x 16½ "	RSXH
BY58	8	14¼ " x 17 "	RSXH
BY60	10	14¾ " x 18 "	RSXH
BY5612	12	14¾ " x 19 "	RSXH

27 inch Wood D Handle

BW56	6	13¾ in. x 16 in.	RWXH
BW57	7	14 " x 16½ "	RWXH
BW58	8	14¼ " x 17 "	RWXH
BW60	10	14¾ " x 18 "	RWXH
BW5612	12	14¾ " x 19 "	RWXH

51 inch Long Handle

BX56	6	13¾ in. x 16 in.	R1X54H
BX57	7	14 " x 16½ "	R1X54H
BX58	8	14¼ " x 17 "	R1X54H
BX60	10	14¾ " x 18 "	R1X54H
BX5612	12	14¾ " x 19 "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 16 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

27 inch SturdE Steel D Handle

CE56	6	13¾ in. x 16 in.	RE1H
CE57	7	14 " x 16½ "	RE1H
CE58	8	14¼ " x 17 "	RE1H
CE60	10	14¾ " x 18 "	RE1H
CE5612	12	14¾ " x 19 "	RE1H

27 inch Wood Split D Handle

CY56	6	13¾ in. x 16 in.	RS1H
CY57	7	14 " x 16½ "	RS1H
CY58	8	14¼ " x 17 "	RS1H
CY60	10	14¾ " x 18 "	RS1H
CY5612	12	14¾ " x 19 "	RS1H

27 inch Wood D Handle

CW56	6	13¾ in. x 16 in.	RW1H
CW57	7	14 " x 16½ "	RW1H
CW58	8	14¼ " x 17 "	RW1H
CW60	10	14¾ " x 18 "	RW1H
CW5612	12	14¾ " x 19 "	RW1H

51 inch Long Handle

CX56	6	13¾ in. x 16 in.	R154H
CX57	7	14 " x 16½ "	R154H
CX58	8	14¼ " x 17 "	R154H
CX60	10	14¾ " x 18 "	R154H
CX5612	12	14¾ " x 19 "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.

Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Western Pattern Scoops can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.

For Special Lifts See Page 67

Cat. No. E58
Hollow Back Wide Mouth Scoop, Size #8
With SturdE Steel D Type Handle.

Cat No. X57
Hollow Back Wide Mouth Scoop, Size #7
With Long Handle.

Cat. No. E312
Hollow Back Grain Scoop With Three Ribbed Blade, Size #12, With SturdE Steel D Type Handle.

Cat. No. X310
Hollow Back Grain Scoop With Three Ribbed Blade, Size #10, With Long Handle.

GRAIN SCOOPS

Hollow Back—Western Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — 17 Gauge Blades, XX Grade Handles — **Skelton Brands** — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E306	6	13 in. x 15½ in.	27 in. SturdE Steel D	REXXH
E308	8	13½ " x 16½ "	27 " " " "	REXXH
E310	10	14 " x 17½ "	27 " " " "	REXXH
E312	12	14½ " x 18½ "	27 " " " "	REXXH
E314	14	15 " x 19½ "	27 " " " "	REXXH
S306	6	13 " x 15½ "	27 in. Wood Split D	RSXXH
S308	8	13½ " x 16½ "	27 " " " "	RSXXH
S310	10	14 " x 17½ "	27 " " " "	RSXXH
S312	12	14½ " x 18½ "	27 " " " "	RSXXH
S314	14	15 " x 19½ "	27 " " " "	RSXHH
X306	6	13 " x 15½ "	51 in. Long Handle	R2X54H
X308	8	13½ " x 16½ "	51 " " "	R2X54H
X310	10	14 " x 17½ "	51 " " "	R2X54H
X312	12	14½ " x 18½ "	51 " " "	R2X54H
X314	14	15 " x 19½ "	51 " " "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 17 Gauge Blades, X Grade Handles — *CRESCENT*

BE306	6	13 in. x 15½ in.	27 in. SturdE Steel D	REXH
BE308	8	13½ " x 16½ "	27 " " " "	REXH
BE310	10	14 " x 17½ "	27 " " " "	REXH
BE312	12	14½ " x 18½ "	27 " " " "	REXH
BE314	14	15 " x 19½ "	27 " " " "	REXH
BS306	6	13 " x 15½ "	27 in. Wood Split D	RSXH
BS308	8	13½ " x 16½ "	27 " " " "	RSXH
BS310	10	14 " x 17½ "	27 " " " "	RSXH
BS312	12	14½ " x 18½ "	27 " " " "	RSXH
BS314	14	15 " x 19½ "	27 " " " "	RSXH
BX306	6	13 " x 15½ "	51 in. Long Handle	R1X54H
BX308	8	13½ " x 16½ "	51 " " "	R1X54H
BX310	10	14 " x 17½ "	31 " " "	R1X54H
BX312	12	14½ " x 18½ "	51 " " "	R1X54H
BX314	14	15 " x 19½ "	51 " " "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 17 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

CE306	6	13 in. x 15½ in.	27 in. SturdE Steel D	RE1H
CE308	8	13½ " x 16½ "	27 " " " "	RE1H
CE310	10	14 " x 17½ "	27 " " " "	RE1H
CE312	12	14½ " x 18½ "	27 " " " "	RE1H
CE314	14	15 " x 19½ "	27 " " " "	RE1H
CS306	6	13 " x 15½ "	27 in. Wood Split D	RS1H
CS308	8	13½ " x 16½ "	27 " " " "	RS1H
CS310	10	14 " x 17½ "	27 " " " "	RS1H
CS312	12	14½ " x 18½ "	27 " " " "	RS1H
CS314	14	15 " x 19½ "	27 " " " "	RS1H
CX306	6	13 " x 15½ "	51 in. Long Handle	R154H
CX308	8	13½ " x 16½ "	51 " " "	R154H
CX310	10	14 " x 17½ "	51 " " "	R154H
CX312	12	14½ " x 18½ "	51 " " "	R154H
CX314	14	15 " x 19½ "	51 " " "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Western Grain Scoops can be supplied in B Grade (Skelton Works) Bantam or Fox Brands.

NOTE: Grain Scoops Shown on This Page Can Be Supplied in Size 4 When So Desired. When Ordering Size 4 Use No. 304 as List Number and Specify Grade and Type of Handle Wanted.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.

For Special Lifts See Page 67

COAL YARD SCOOPS

Hollow Back—Flat Point

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands

CONNEAUT SPECIAL AND DIAMOND — 16 Gauge Blades, XX Grade Handles

27 inch SturdE Steel D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
E252	2	12 in. x 14¾ in.	REXXH
E253	3	12¼ " x 15¼ "	REXXH
E254	4	12½ " x 15¾ "	REXXH
E255	5	12¾ " x 16¼ "	REXXH
E256	6	14 " x 16 "	REXXH
E257	7	14¼ " x 16½ "	REXXH
E258	8	14½ " x 17 "	REXXH
E260	10	15½ " x 18 "	REXXH
E262	12	15½ " x 19 "	REXXH

27 inch Wood Split D Handle

Y252	2	12 in. x 14¾ in.	RSXXH
Y253	3	12¼ " x 15¼ "	RSXXH
Y254	4	12½ " x 15¾ "	RSXXH
Y255	5	12¾ " x 16¼ "	RSXXH
Y256	6	14 " x 16 "	RSXXH
Y257	7	14¼ " x 16½ "	RSXXH
Y258	8	14½ " x 17 "	RSXXH
Y260	10	15½ " x 18 "	RSXXH
Y262	12	15½ " x 19 "	RSXXH

Skelton Brands

SKELTON SPECIAL AND KEYSTONE

27 inch Wood D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
W252	2	12 in. x 14¾ in.	RWXXH
W253	3	12¼ " x 15¼ "	RWXXH
W254	4	12½ " x 15¾ "	RWXXH
W255	5	12¾ " x 16¼ "	RWXXH
W256	6	14 " x 16 "	RWXXH
W257	7	14¼ " x 16½ "	RWXXH
W258	8	14½ " x 17 "	RWXXH
W260	10	15½ " x 18 "	RWXXH
W262	12	15½ " x 19 "	RWXXH

51 inch Long Handle

X252	2	12 in. x 14¾ in.	R2X54H
X253	3	12¼ " x 15¼ "	R2X54H
X254	4	12½ " x 15¾ "	R2X54H
X255	5	12¾ " x 16¼ "	R2X54H
X256	6	14 " x 16 "	R2X54H
X257	7	14¼ " x 16½ "	R2X54H
X258	8	14½ " x 17 "	R2X54H
X260	10	15½ " x 18 "	R2X54H
X262	12	15½ " x 19 "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 16 Gauge Blades, X Grade Handles — *CRESCENT*

27 inch SturdE Steel D Handle

BE252	2	12 in. x 14¾ in.	REXH
BE253	3	12¼ " x 15¼ "	REXH
BE254	4	12½ " x 15¾ "	REXH
BE255	5	12¾ " x 16¼ "	REXH
BE256	6	14 " x 16 "	REXH
BE257	7	14¼ " x 16½ "	REXH
BE258	8	14½ " x 17 "	REXH
BE260	10	15½ " x 18 "	REXH
BE262	12	15½ " x 19 "	REXH

27 inch Wood Split D Handle

BY252	2	12 in. x 14¾ in.	RSXH
BY253	3	12¼ " x 15¼ "	RSXH
BY254	4	12½ " x 15¾ "	RSXH
BY255	5	12¾ " x 16¼ "	RSXH
BY256	6	14 " x 16 "	RSXH
BY257	7	14¼ " x 16½ "	RSXH
BY258	8	14½ " x 17 "	RSXH
BY260	10	15½ " x 18 "	RSXH
BY262	12	15½ " x 19 "	RSXH

27 inch Wood D Handle

BW252	2	12 in. x 14¾ in.	RWXH
BW253	3	12¼ " x 15¼ "	RWXH
BW254	4	12½ " x 15¾ "	RWXH
BW255	5	12¾ " x 16¼ "	RWXH
BW256	6	14 " x 16 "	RWXH
BW257	7	14¼ " x 16½ "	RWXH
BW258	8	14½ " x 17 "	RWXH
BW260	10	15½ " x 18 "	RWXH
BW262	12	15½ " x 19 "	RWXH

51 inch Long Handle

BX252	2	12 in. x 14¾ in.	R1X54H
BX253	3	12¼ " x 15¼ "	R1X54H
BX254	4	12½ " x 15¾ "	R1X54H
BX255	5	12¾ " x 16¼ "	R1X54H
BX256	6	14 " x 16 "	R1X54H
BX257	7	14¼ " x 16½ "	R1X54H
BX258	8	14½ " x 17 "	R1X54H
BX260	10	15½ " x 18 "	R1X54H
BX262	12	15½ " x 19 "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 16 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

27 inch SturdE Steel D Handle

CE252	2	12 in. x 14¾ in.	RE1H
CE253	3	12¼ " x 15¼ "	RE1H
CE254	4	12½ " x 15¾ "	RE1H
CE255	5	12¾ " x 16¼ "	RE1H
CE256	6	14 " x 16 "	RE1H
CE257	7	14¼ " x 16½ "	RE1H
CE258	8	14½ " x 17 "	RE1H
CE260	10	15½ " x 18 "	RE1H
CE262	12	15½ " x 19 "	RE1H

27 inch Wood Split D Handle

CY252	2	12 in. x 14¾ in.	RS1H
CY253	3	12¼ " x 15¼ "	RS1H
CY254	4	12½ " x 15¾ "	RS1H
CY255	5	12¾ " x 16¼ "	RS1H
CY256	6	14 " x 16 "	RS1H
CY257	7	14¼ " x 16½ "	RS1H
CY258	8	14½ " x 17 "	RS1H
CY260	10	15½ " x 18 "	RS1H
CY262	12	15½ " x 19 "	RS1H

27 inch Wood D Handle

CW252	2	12 in. x 14¾ in.	RW1H
CW253	3	12¼ " x 15¼ "	RW1H
CW254	4	12½ " x 15¾ "	RW1H
CW255	5	12¾ " x 16¼ "	RW1H
CW256	6	14 " x 16 "	RW1H
CW257	7	14¼ " x 16½ "	RW1H
CW258	8	14½ " x 17 "	RW1H
CW260	10	15½ " x 18 "	RW1H
CW262	12	15½ " x 19 "	RW1H

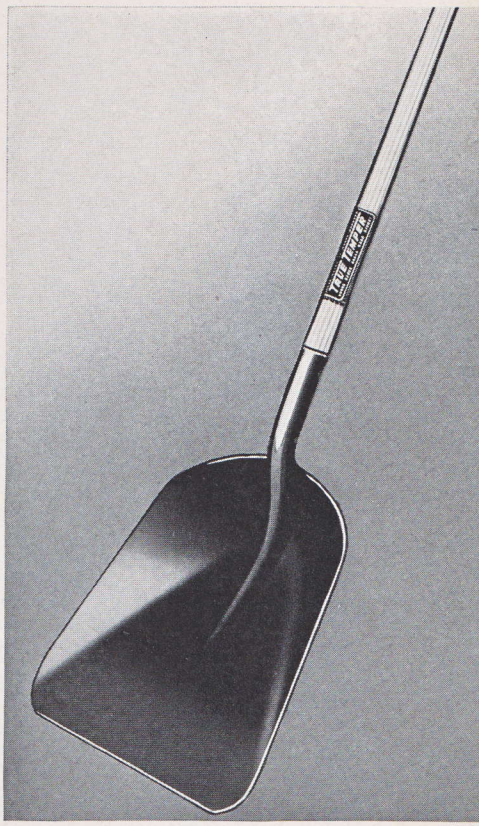
51 inch Long Handle

CX252	2	12 in. x 14¾ in.	R154H
CX253	3	12¼ " x 15¼ "	R154H
CX254	4	12½ " x 15¾ "	R154H
CX255	5	12¾ " x 16¼ "	R154H
CX256	6	14 " x 16 "	R154H
CX257	7	14¼ " x 16½ "	R154H
CX258	8	14½ " x 17 "	R154H
CX260	10	15½ " x 18 "	R154H
CX262	12	15½ " x 19 "	R154H

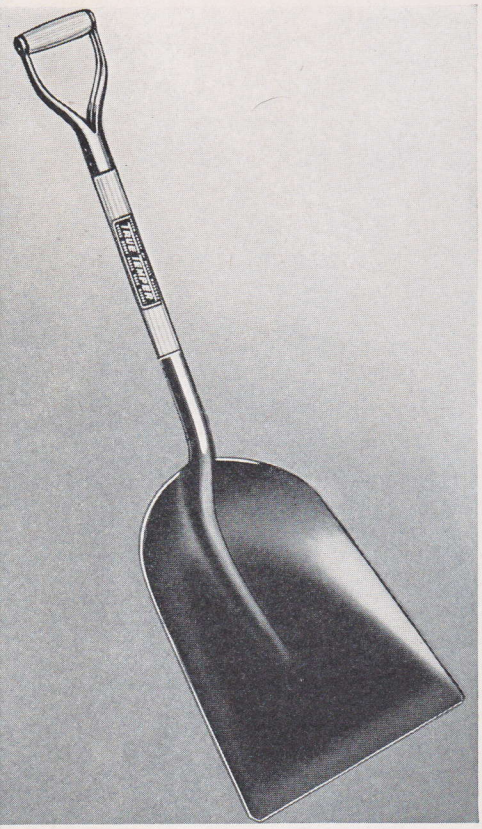
List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS
D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.
For Special Lifts See Page 67

Cat No. E257
Hollow Back Flat Point Coal Yard Scoop, Size #7, With SturdE Steel D Type Handle.



Cat. No. X257
Hollow Back Flat Point Coal Yard Scoop Size #7, With Long Handle.



Cat. No. EA58
Hollow Back Square Point Scoop With "A" Type Mouth, Size #8, With SturdE Steel D Type Handle.

Cat. No. XA58
Hollow Back Square Point Scoop With "A" Type Mouth, Size #6, With Long Handle.

SQUARE POINT SCOOPS

Hollow Back—"A" Mouth Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — 16 Gauge Blades, XX Grade Handles — *SKELTON SPECIAL AND KEYSTONE* — Skelton Brands

List No.	Size No.	Blade Description	Right Repair Handle No.
27 inch SturdE Steel D Handle			
EA54	4	12⅞ in. x 15¾ in.	REXXH
EA55	5	13⅛ " x 16¼ "	REXXH
EA56	6	14⅝ " x 16¼ "	REXXH
EA57	7	14¾ " x 16½ "	REXXH
EA58	8	14⅞ " x 17 "	REXXH
EA60	10	15⅜ " x 18 "	REXXH
27 inch Wood Split D Handle			
YA54	4	12⅞ in. x 15¾ in.	RSXXH
YA55	5	13⅛ " x 16¼ "	RSXXH
YA56	6	14⅝ " x 16¼ "	RSXXH
YA57	7	14¾ " x 16½ "	RSXXH
YA58	8	14⅞ " x 17 "	RSXXH
YA60	10	15⅜ " x 18 "	RSXXH
27 inch Wood D Handle			
WA54	4	12⅞ in. x 15¾ in.	RWXXH
WA55	5	13⅛ " x 16¼ "	RWXXH
WA56	6	14⅝ " x 16¼ "	RWXXH
WA57	7	14¾ " x 16½ "	RWXXH
WA58	8	14⅞ " x 17 "	RWXXH
WA60	10	15⅜ " x 18 "	RWXXH
51 inch Long Handle			
XA54	4	12⅞ in. x 15¾ in.	R2X54H
XA55	5	13⅛ " x 16¼ "	R2X54H
XA56	6	14⅝ " x 16¼ "	R2X54H
XA57	7	14¾ " x 16½ "	R2X54H
XA58	8	14⅞ " x 17 "	R2X64H
XA60	10	15⅜ " x 18 "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 16 Gauge Blades, X Grade Handles — *CRESCENT*

List No.	Size No.	Blade Description	Right Repair Handle No.
27 inch SturdE Steel D Handle			
BEA54	4	12⅞ in. x 15¾ in.	REXH
BEA55	5	13⅛ " x 16¼ "	REXH
BEA56	6	14⅝ " x 16¼ "	REXH
BEA57	7	14¾ " x 16½ "	REXH
BEA58	8	14⅞ " x 17 "	REXH
BEA60	10	15⅜ " x 18 "	REXH
27 inch Wood Split D Handle			
BYA54	4	12⅞ in. x 15¾ in.	RSXH
BYA55	5	13⅛ " x 16¼ "	RSXH
BYA56	6	14⅝ " x 16¼ "	RSXH
BYA57	7	14¾ " x 16½ "	RSXH
BYA58	8	14⅞ " x 17 "	RSXH
BYA60	10	15⅜ " x 18 "	RSXH
27 inch Wood D Handle			
BWA54	4	12⅞ in. x 15¾ in.	RWXH
BWA55	5	13⅛ " x 16¼ "	RWXH
BWA56	6	14⅝ " x 16¼ "	RWXH
BWA57	7	14¾ " x 16½ "	RWXH
BWA58	8	14⅞ " x 17 "	RWXH
BWA60	10	15⅜ " x 18 "	RWXH
51 inch Long Handle			
BXA54	4	12⅞ in. x 15¾ in.	R1X54H
BXA55	5	13⅛ " x 16¼ "	R1X54H
BXA56	6	14⅝ " x 16¼ "	R1X54H
BXA57	7	14¾ " x 16½ "	R1X54H
BXA58	8	14⅞ " x 17 "	R1X54H
BXA60	10	15⅜ " x 18 "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 16 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

List No.	Size No.	Blade Description	Right Repair Handle No.
27 inch SturdE Steel D Handle			
CEA54	4	12⅞ in. x 15¾ in.	RE1H
CEA55	5	13⅛ " x 16¼ "	RE1H
CEA56	6	14⅝ " x 16¼ "	RE1H
CEA57	7	14¾ " x 16½ "	RE1H
CEA58	8	14⅞ " x 17 "	RE1H
CEA60	10	15⅜ " x 18 "	RE1H
27 inch Wood Split D Handle			
CYA54	4	12⅞ in. x 15¾ in.	RS1H
CYA55	5	13⅛ " x 16¼ "	RS1H
CYA56	6	14⅝ " x 16¼ "	RS1H
CYA57	7	14¾ " x 16½ "	RS1H
CYA58	8	14⅞ " x 17 "	RS1H
CYA60	10	15⅜ " x 18 "	RS1H
27 inch Wood D Handle			
CWA54	4	12⅞ in. x 15¾ in.	RW1H
CWA55	5	13⅛ " x 16¼ "	RW1H
CWA56	6	14⅝ " x 16¼ "	RW1H
CWA57	7	14¾ " x 16½ "	RW1H
CWA58	8	14⅞ " x 17 "	RW1H
CWA60	10	15⅜ " x 18 "	RW1H
51 inch Long Handle			
CXA54	4	12⅞ in. x 15¾ in.	R154H
CXA55	5	13⅛ " x 16¼ "	R154H
CXA56	6	14⅝ " x 16¼ "	R154H
CXA57	7	14¾ " x 16½ "	R154H
CXA58	8	14⅞ " x 17 "	R154H
CXA60	10	15⅜ " x 18 "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.

Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Square Point Scoops can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.

For Special Lifts See Page 67

LOW LIFT CHARGING SCOOPS

Hollow Back—For Gas Retort Work
Also Used for Ash Pit Work

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — 16 Gauge Blades, XX Grade Handles — *SKELTON SPECIAL AND KEYSTONE* — **Skelton Brands**

27 inch SturdE Steel D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
EK61	2	11¼ in. x 15 in.	REXXH
EK62	3	11½ " x 15½ "	REXXH
EK63	4	11¾ " x 16 "	REXXH
EK64	5	12 " x 16½ "	REXXH
EK65	6	12¼ " x 17 "	REXXH
EK66	7	12½ " x 17½ "	REXXH

27 inch Wood Split D Handle

YK61	2	11¼ in. x 15 in.	RSXXH
YK62	3	11½ " x 15½ "	RSXXH
YK63	4	11¾ " x 16 "	RSXXH
YK64	5	12 " x 16½ "	RSXXH
YK65	6	12¼ " x 17 "	RSXXH
YK66	7	12½ " x 17½ "	RSXXH

27 inch Wood D Handle

WK61	2	11¼ in. x 15 in.	RWXXH
WK62	3	11½ " x 15½ "	RWXXH
WK63	4	11¾ " x 16 "	RWXXH
WK64	5	12 " x 16½ "	RWXXH
WK65	6	12¼ " x 17 "	RWXXH
WK66	7	12½ " x 17½ "	RWXXH

51 inch Long Handle

XK61	2	11¼ in. x 15 in.	R2X54H
XK62	3	11½ " x 15½ "	R2X54H
XK63	4	11¾ " x 16 "	R2X54H
XK64	5	12 " x 16½ "	R2X54H
XK65	6	12¼ " x 17 "	R2X54H
XK66	7	12½ " x 17½ "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 16 Gauge Blades, X Grade Handles — *CRESCENT*

27 inch SturdE Steel D Handle

BEK61	2	11¼ in. x 15 in.	REXH
BEK62	3	11½ " x 15½ "	REXH
BEK63	4	11¾ " x 16 "	REXH
BEK64	5	12 " x 16½ "	REXH
BEK65	6	12¼ " x 17 "	REXH
BEK66	7	12½ " x 17½ "	REXH

27 inch Wood Split D Handle

BYK61	2	11¼ in. x 15 in.	RSXH
BYK62	3	11½ " x 15½ "	RSXH
BYK63	4	11¾ " x 16 "	RSXH
BYK64	5	12 " x 16½ "	RSXH
BYK65	6	12¼ " x 17 "	RSXH
BYK66	7	12½ " x 17½ "	RSXH

27 inch Wood D Handle

BWK61	2	11¼ in. x 15 in.	RWXH
BWK62	3	11½ " x 15½ "	RWXH
BWK63	4	11¾ " x 16 "	RWXH
BWK64	5	12 " x 16½ "	RWXH
BWK65	6	12¼ " x 17 "	RWXH
BWK66	7	12½ " x 17½ "	RWXH

51 inch Long Handle

BXK61	2	11¼ in. x 15 in.	R1X54H
BXK62	3	11½ " x 15½ "	R1X54H
BXK63	4	11¾ " x 16 "	R1X54H
BXK64	5	12 " x 16½ "	R1X54H
BXK65	6	12¼ " x 17 "	R1X54H
BXK66	7	12½ " x 17½ "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 16 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

27 inch SturdE Steel D Handle

CEK61	2	11¼ in. x 15 in.	RE1H
CEK62	3	11½ " x 15½ "	RE1H
CEK63	4	11¾ " x 16 "	RE1H
CEK64	5	12 " x 16½ "	RE1H
CEK65	6	12¼ " x 17 "	RE1H
CEK66	7	12½ " x 17½ "	RE1H

27 inch Wood Split D Handle

CYK61	2	11¼ in. x 15 in.	RS1H
CYK62	3	11½ " x 15½ "	RS1H
CYK63	4	11¾ " x 16 "	RS1H
CYK64	5	12 " x 16½ "	RS1H
CYK65	6	12¼ " x 17 "	RS1H
CYK66	7	12½ " x 17½ "	RS1H

27 inch Wood D Handle

CWK61	2	11¼ in. x 15 in.	RW1H
CWK62	3	11½ " x 15½ "	RW1H
CWK63	4	11¾ " x 16 "	RW1H
CWK64	5	12 " x 16½ "	RW1H
CWK65	6	12¼ " x 17 "	RW1H
CWK66	7	12½ " x 17½ "	RW1H

51 inch Long Handle

CXK61	2	11¼ in. x 15 in.	R154H
CXK62	3	11½ " x 15½ "	R154H
CXK63	4	11¾ " x 16 "	R154H
CXK64	5	12 " x 16½ "	R154H
CXK65	6	12¼ " x 17 "	R154H
CXK66	7	12½ " x 17½ "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Low Lift Charging Scoops can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

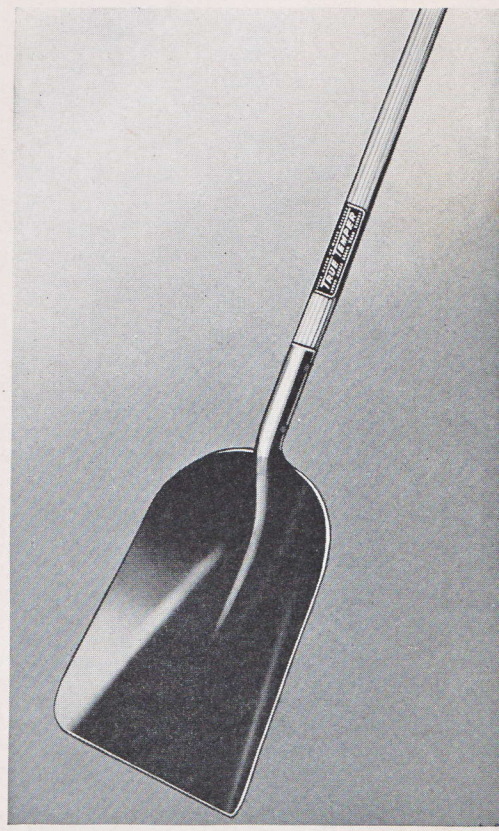
NOTE: Long Handle Type Scoops Shown on This Page Can Be Supplied With 6 ft., 8 ft., 10 ft., or 12 ft. Handles When So Desired, at Standard Extra Charge. See Price List for Standard Extras.

STANDARD LIFTS

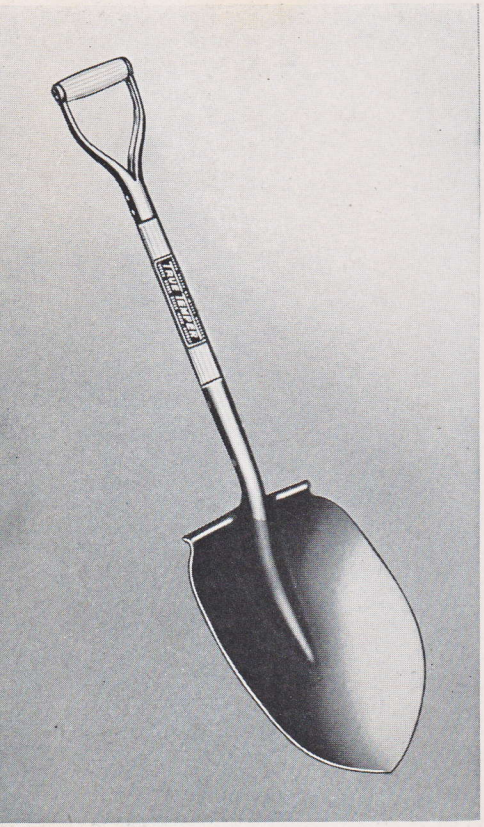
D Handle—Blade Lift, 4½ inches—Handle Lift, 10 inches.
Long Handle—Blade Lift, 4½ inches—Handle Lift, 17 inches.

For Special Lifts See Page 67

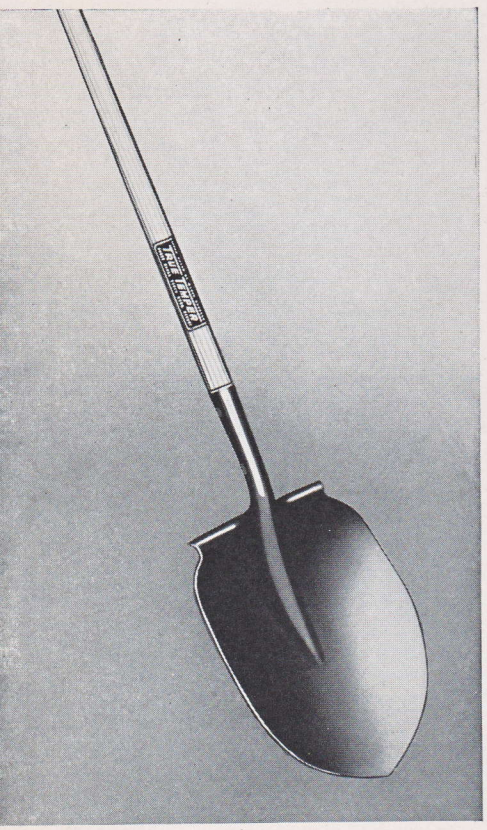
Cat. No. EK64
Hollow Back Low Lift Charging Scoop, Size #4 With SturdE Steel D Type Handle.



Cat. No. XK65
Hollow Back Low Lift Charging Scoop, Size #5 With Long Handle.



Cat. No. E52C
Hollow Back, Diamond Point Breakdown Scoop, Size #2, with Turned Step and SturdE Steel D Type Handle.



Cat. No. X52C
Hollow Back, Diamond Point Breakdown Scoop, Size #2, with Turned Step and 51 inch Long Handle.

BREAKDOWN SCOOPS

Hollow Back, Diamond Point, With Turned Step

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND* — **XX Grade Handles** — **Skelton Brands** — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description		Handle Description	Right Repair Handle No.
E52C	2	11 in. x 14½ in.	15 Gauge	27 inch SturdE Steel D	REXXH
E53C	3	11¼ " x 15 "	" "	27 " " " "	REXXH
E54C	4	11½ " x 15½ "	14 Gauge	27 " " " "	REXXH
E55C	5	11¾ " x 16 "	" "	27 " " " "	REXXH
E56C	6	12¼ " x 16 "	" "	27 " " " "	REXXH
E57C	7	12½ " x 16½ "	" "	27 " " " "	REXXH
E58C	8	12¾ " x 17 "	" "	27 " " " "	REXXH
Y52C	2	11 " x 14½ "	15 Gauge	27 inch Wood Split D	RSXXH
Y53C	3	11¼ " x 15 "	" "	27 " " " "	RSXXH
Y54C	4	11½ " x 15½ "	14 Gauge	27 " " " "	RSXXH
Y55C	5	11¾ " x 16 "	" "	27 " " " "	RSXXH
Y56C	6	12¼ " x 16 "	" "	27 " " " "	RSXXH
Y57C	7	12½ " x 16½ "	" "	27 " " " "	RSXXH
Y58C	8	12¾ " x 17 "	" "	27 " " " "	RSXXH
W52C	2	11 " x 14½ "	15 Gauge	27 inch Wood D	RWXXH
W53C	3	11¼ " x 15 "	" "	27 " " "	RWXXH
W54C	4	11½ " x 15½ "	14 Gauge	27 " " "	RWXXH
W55C	5	11¾ " x 16 "	" "	27 " " "	RWXXH
W56C	6	12¼ " x 16 "	" "	27 " " "	RWXXH
W57C	7	12½ " x 16½ "	" "	27 " " "	RWXXH
W58C	8	12¾ " x 17 "	" "	27 " " "	RWXXH
X52C	2	11 " x 14½ "	15 Gauge	51 inch Long Handle	R2X54H
X53C	3	11¼ " x 15 "	" "	51 " " "	R2X54H
X54C	4	11½ " x 15½ "	14 Gauge	51 " " "	R2X54H
X55C	5	11¾ " x 16 "	" "	51 " " "	R2X54H
X56C	6	12¼ " x 16 "	" "	51 " " "	R2X54H
X57C	7	12½ " x 16½ "	" "	51 " " "	R2X54H
X58C	8	12¾ " x 17 "	" "	51 " " "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — **X Grade Handles** — *CRESCENT*

BE52C	2	11 in. x 14½ in.	15 Gauge	27 inch SturdE Steel D	REXH
BE53C	3	11¼ " x 15 "	" "	27 " " " "	REXH
BE54C	4	11½ " x 15½ "	14 Gauge	27 " " " "	REXH
BE55C	5	11¾ " x 16 "	" "	27 " " " "	REXH
BE56C	6	12¼ " x 16 "	" "	27 " " " "	REXH
BE57C	7	12½ " x 16½ "	" "	27 " " " "	REXH
BE58C	8	12¾ " x 17 "	" "	27 " " " "	REXH
BY52C	2	11 " x 14½ "	15 Gauge	27 inch Wood Split D	RSXH
BY53C	3	11¼ " x 15 "	" "	27 " " " "	RSXH
BY54C	4	11½ " x 15½ "	14 Gauge	27 " " " "	RSXH
BY55C	5	11¾ " x 16 "	" "	27 " " " "	RSXH
BY56C	6	12¼ " x 16 "	" "	27 " " " "	RSXH
BY57C	7	12½ " x 16½ "	" "	27 " " " "	RSXH
BY58C	8	12¾ " x 17 "	" "	27 " " " "	RSXH
BW52C	2	11 " x 14½ "	15 Gauge	27 inch Wood D	RWXH
BW53C	3	11¼ " x 15 "	" "	27 " " "	RWXH
BW54C	4	11½ " x 15½ "	14 Gauge	27 " " "	RWXH
BW55C	5	11¾ " x 16 "	" "	27 " " "	RWXH
BW56C	6	12¼ " x 16 "	" "	27 " " "	RWXH
BW57C	7	12½ " x 16½ "	" "	27 " " "	RWXH
BW58C	8	12¾ " x 17 "	" "	27 " " "	RWXH
BX52C	2	11 " x 14½ "	15 Gauge	51 inch Long Handle	R1X54H
BX53C	3	11¼ " x 15 "	" "	51 " " "	R1X54H
BX54C	4	11½ " x 15½ "	14 Gauge	51 " " "	R1X54H
BX55C	5	11¾ " x 16 "	" "	51 " " "	R1X54H
BX56C	6	12¼ " x 16 "	" "	51 " " "	R1X54H
BX57C	7	12½ " x 16½ "	" "	51 " " "	R1X54H
BX58C	8	12¾ " x 17 "	" "	51 " " "	R1X54H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Breakdown Scoops can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

STANDARD LIFTS

D Handle —Blade Lift, 7 inches —Handle Lift, 17 inches.
Long Handle —Blade Lift, 7 inches —Handle Lift, 31 inches.

For Special Lifts See Page 67

ROUND-MOUTH GRAVEL SCOOPS

Hollow Back—For Sand and Gravel
Round Bottom—Deep Bowl With Turned Step

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND*

16 Gauge Blades, XX Grade Handles

Skelton Brands — *SKELTON SPECIAL AND KEYSTONE*

27 inch SturdE Steel D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
E61GT	2	11 in. x 14¾ in.	REXXH
E62GT	3	11¼ " x 15¼ "	REXXH
E63GT	4	11½ " x 15¾ "	REXXH
E64GT	5	11¾ " x 16¼ "	REXXH
E65GT	6	12 " x 16¾ "	REXXH

27 inch Wood Split D Handle

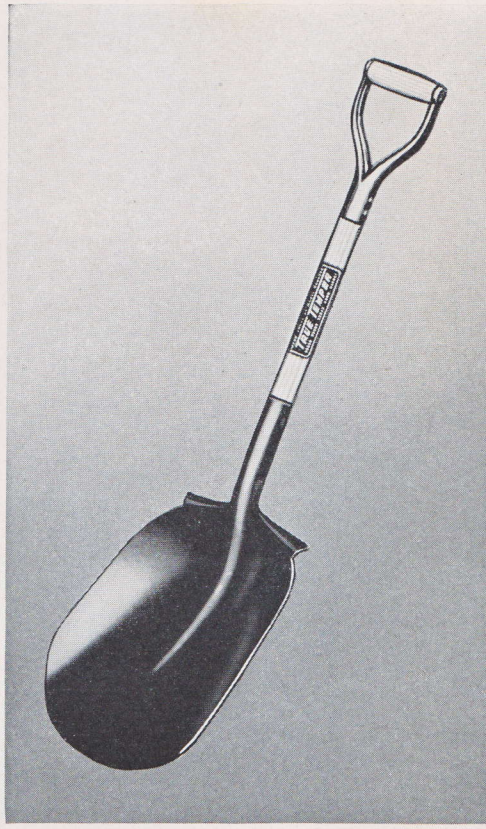
Y61GT	2	11 in. x 14¾ in.	RSXXH
Y62GT	3	11¼ " x 15¼ "	RSXXH
Y63GT	4	11½ " x 15¾ "	RSXXH
Y64GT	5	11¾ " x 16¼ "	RSXXH
Y65GT	6	12 " x 16¾ "	RSXXH

27 inch Wood D Handle

List No.	Size No.	Blade Description	Right Repair Handle No.
W61GT	2	11 in. x 14¾ in.	RWXXH
W62GT	3	11¼ " x 15¼ "	RWXXH
W63GT	4	11½ " x 15¾ "	RWXXH
W64GT	5	11¾ " x 16¼ "	RWXXH
W65GT	6	12 " x 16¾ "	RWXXH

51 inch Long Handle

X61GT	2	11 in. x 14¾ in.	R2X54H
X62GT	3	11¼ " x 15¼ "	R2X54H
X63GT	4	11½ " x 15¾ "	R2X54H
X64GT	5	11¾ " x 16¼ "	R2X54H
X65GT	6	12 " x 16¾ "	R2X54H



Cat. No. E61GT
Hollow Back Round Mouth Gravel Scoop, Size #2, With Turned Step and SturdE Steel D Type Handle.

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR

16 Gauge Blades, X Grade Handles

CRESCENT

27 inch SturdE Steel D Handle

BE61GT	2	11 in. x 14¾ in.	REXH
BE62GT	3	11¼ " x 15¼ "	REXH
BE63GT	4	11½ " x 15¾ "	REXH
BE64GT	5	11¾ " x 16¼ "	REXH
BE65GT	6	12 " x 16¾ "	REXH

27 inch Wood Split D Handle

BY61GT	2	11 in. x 14¾ in.	RSXH
BY62GT	3	11¼ " x 15¼ "	RSXH
BY63GT	4	11½ " x 15¾ "	RSXH
BY64GT	5	11¾ " x 16¼ "	RSXH
BY65GT	6	12 " x 16¾ "	RSXH

27 inch Wood D Handle

BW61GT	2	11 in. x 14¾ in.	RWXH
BW62GT	3	11¼ " x 15¼ "	RWXH
BW63GT	4	11½ " x 15¾ "	RWXH
BW64GT	5	11¾ " x 16¼ "	RWXH
BW65GT	6	12 " x 16¾ "	RWXH

51 inch Long Handle

BX61GT	2	11 in. x 14¾ in.	R1X54H
BX62GT	3	11¼ " x 15¼ "	R1X54H
BX63GT	4	11½ " x 15¾ "	R1X54H
BX64GT	5	11¾ " x 16¼ "	R1X54H
BX65GT	6	12 " x 16¾ "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE

16 Gauge Blades, No. 1 Grade Handles

IMPERATOR

27 inch SturdE Steel D Handle

CE61GT	2	11 in. x 14¾ in.	RE1H
CE62GT	3	11¼ " x 15¼ "	RE1H
CE63GT	4	11½ " x 15¾ "	RE1H
CE64GT	5	11¾ " x 16¼ "	RE1H
CE65GT	6	12 " x 16¾ "	RE1H

27 inch Wood Split D Handle

CY61GT	2	11 in. x 14¾ in.	RS1H
CY62GT	3	11¼ " x 15¼ "	RS1H
CY63GT	4	11½ " x 15¾ "	RS1H
CY64GT	5	11¾ " x 16¼ "	RS1H
CY65GT	6	12 " x 16¾ "	RS1H

27 inch Wood D Handle

CW61GT	2	11 in. x 14¾ in.	RW1H
CW62GT	3	11¼ " x 15¼ "	RW1H
CW63GT	4	11½ " x 15¾ "	RW1H
CW64GT	5	11¾ " x 16¼ "	RW1H
CW65GT	6	12 " x 16¾ "	RW1H

51 inch Long Handle

CX61GT	2	11 in. x 14¾ in.	R154H
CX62GT	3	11¼ " x 15¼ "	R154H
CX63GT	4	11½ " x 15¾ "	R154H
CX64GT	5	11¾ " x 16¼ "	R154H
CX65GT	6	12 " x 16¾ "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

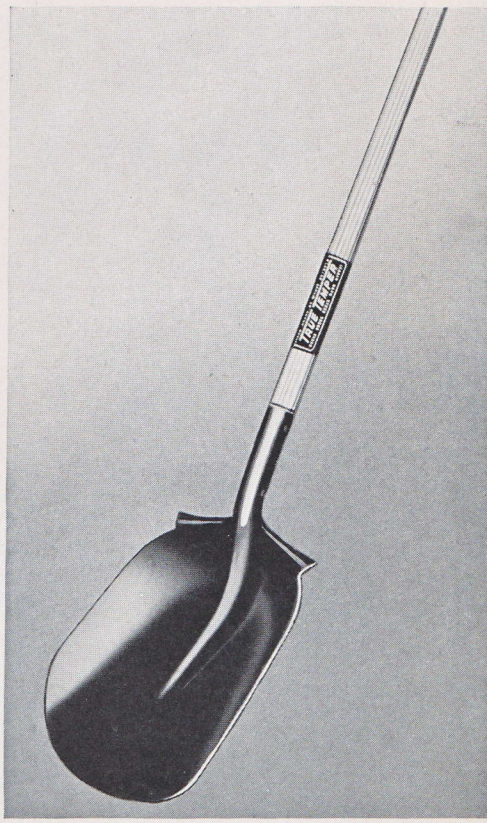
NOTE: Round Mouth Gravel Scoops can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

NOTE: Gravel Scoops Shown on This Page Furnished with Round Bottom, Deep Bowl Blade and Turned Step, Can Be Supplied With Flat Bottom If So Desired Either With or Without Step, Without Extra Charge.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.

For Special Lifts See Page 67



Cat. No. X61GT
Hollow Back Round Mouth Gravel Scoop, Size #2, With Long Handle.

Cat. No. E12
Hollow Back, Magyar Type Street Commissioners' Shovel, Size #2, With SturdE Steel D Type Handle.

Cat No. X12
Hollow Back, Magyar Type Street Commissioners' Shovel, Size #2, With 51 inch Long Handle.

STREET COMMISSIONERS' SHOVELS

Hollow Back—Magyar (or Hungarian) Pattern

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — *CONNEAUT SPECIAL AND DIAMOND*

16 Gauge Blades, XX Grade Handles

Skelton Brands — *SKELTON SPECIAL AND KEYSTONE*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E11	1	13½ in. x 14¼ in.	27 in. SturdE Steel D	REXXH
E12	2	14 " x 14¾ "	27 " " " "	REXXH
E13	3	14½ " x 15¼ "	27 " " " "	REXXH
E14	5	14¾ " x 15¾ "	27 " " " "	REXXH
Y11	1	13½ " x 14¼ "	27 in. Wood Split D	RSXXH
Y12	2	14 " x 14¾ "	27 " " " "	RSXXH
Y13	3	14½ " x 15¼ "	27 " " " "	RSXXH
Y14	5	14¾ " x 15¾ "	27 " " " "	RSXXH
W11	1	13½ " x 14¼ "	27 in. Wood D	RWXXH
W12	2	14 " x 14¾ "	27 " " "	RWXXH
W13	3	14½ " x 15¼ "	27 " " "	RWXXH
W14	5	14¾ " x 15¾ "	27 " " "	RWXXH
X11	1	13½ " x 14¼ "	51 in. Long Handle	R2X54H
X12	2	14 " x 14¾ "	51 " " "	R2X54H
X13	3	14½ " x 15¼ "	51 " " "	R2X54H
X14	5	14¾ " x 15¾ "	51 " " "	R2X54H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR — 16 Gauge Blades, X Grade Handles — *CRESCENT*

BE11	1	13½ in. x 14¼ in.	27 in. SturdE Steel D	REXH
BE12	2	14 " x 14¾ "	27 " " " "	REXH
BE13	3	14½ " x 15¼ "	27 " " " "	REXH
BE14	5	14¾ " x 15¾ "	27 " " " "	REXH
BY11	1	13½ " x 14¼ "	27 in. Wood Split D	RSXH
BY12	2	14 " x 14¾ "	27 " " " "	RSXH
BY13	3	14½ " x 15¼ "	27 " " " "	RSXH
BY14	5	14¾ " x 15¾ "	27 " " " "	RSXH
BW11	1	13½ " x 14¼ "	27 in. Wood D	RWXH
BW12	2	14 " x 14¾ "	27 " " "	RWXH
BW13	3	14½ " x 15¼ "	27 " " "	RWXH
BW14	5	14¾ " x 15¾ "	27 " " "	RWXH
BX11	1	13½ " x 14¼ "	51 in. Long Handle	R1X54H
BX12	2	14 " x 14¾ "	51 " " "	R1X54H
BX13	3	14½ " x 15¼ "	51 " " "	R1X54H
BX14	5	14¾ " x 15¾ "	51 " " "	R1X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 16 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

CE11	1	13½ in. x 14¼ in.	27 in. SturdE Steel D	RE1H
CE12	2	14 " x 14¾ "	27 " " " "	RE1H
CE13	3	14½ " x 15¼ "	27 " " " "	RE1H
CE14	5	14¾ " x 15¾ "	27 " " " "	RE1H
CY11	1	13½ " x 14¼ "	27 in. Wood Split D	RS1H
CY12	2	14 " x 14¾ "	27 " " " "	RS1H
CY13	3	14½ " x 15¼ "	27 " " " "	RS1H
CY14	5	14¾ " x 15¾ "	27 " " " "	RS1H
CW11	1	13½ " x 14¼ "	27 in. Wood D	RW1H
CW12	2	14 " x 14¾ "	27 " " "	RW1H
CW13	3	14½ " x 15¼ "	27 " " "	RW1H
CW14	5	14¾ " x 15¾ "	27 " " "	RW1H
CX11	1	13½ " x 14¼ "	51 in. Long Handle	R154H
CX12	2	14 " x 14¾ "	51 " " "	R154H
CX13	3	14½ " x 15¼ "	51 " " "	R154H
CX14	5	14¾ " x 15¾ "	51 " " "	R154H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.

Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Street Commissioners' Shovels can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

NOTE: D Handle Type Shovels Shown on This Page Can Be Supplied With 42 inch Handles When So Desired, at Standard Extra Charge. See Price List for Standard Extras.

STANDARD LIFTS

D Handle—Blade Lift, 6½ inches—Handle Lift, 21 inches.
Long Handle—Blade Lift, 6½ inches—Handle Lift, 33 inches.

For Special Lifts See Page 67

BUG DUST SHOVELS

Hollow Back—Ribbed Blade

Used for pulling dust
from beneath
Coal Sieves at Coal Mines

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Made in "A" Grade Only—16 Gauge Blades.

Conneaut Brand — *DIAMOND*

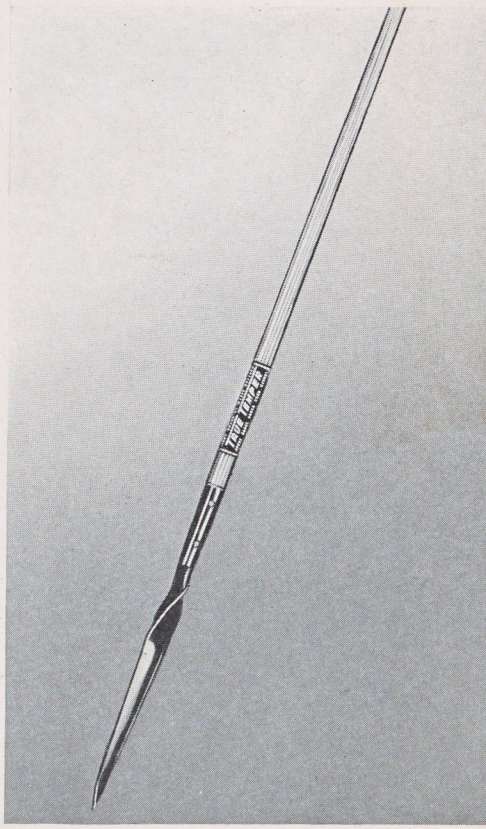
Long Handle Pattern
XX Grade Northern Ash Handles

Skelton Brand — *KEYSTONE*

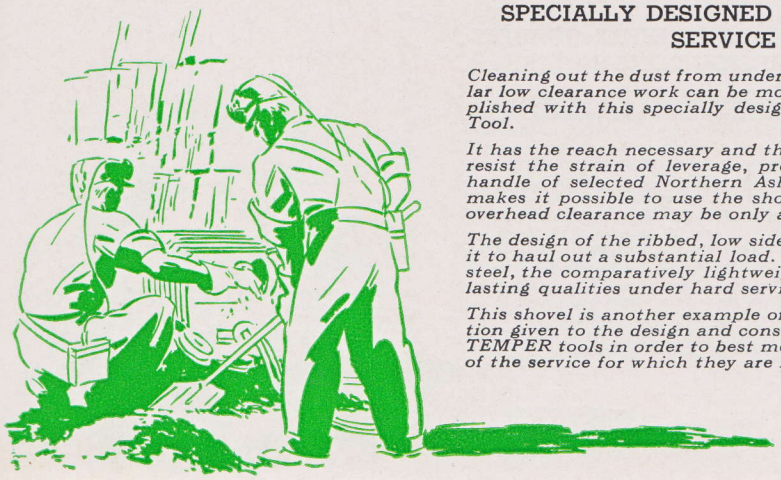
List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
X90	4	14¾ in. x 16¼ in.	6 ft. Long Handle	R2XS6H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

Cat. No. X90
Hollow Back Bug Dust Shovel Front View, Size #4, with Ribbed Blade and Six Foot Handle.



Cat. No. X90
Side View of Hollow Back Bug Dust Shovel Showing the Flat Lift.



SPECIALLY DESIGNED FOR SPECIAL SERVICE

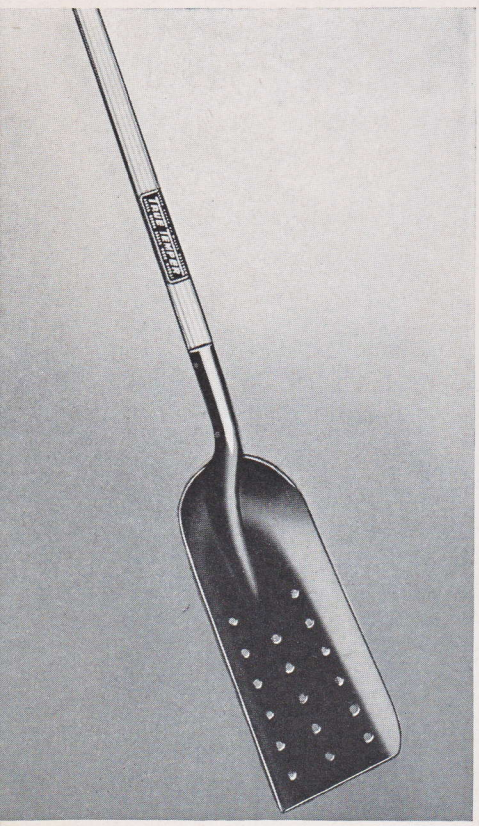
Cleaning out the dust from under coal sieves and similar low clearance work can be more efficiently accomplished with this specially designed TRUE TEMPER Tool.

It has the reach necessary and the handle strength to resist the strain of leverage, provided by a six foot handle of selected Northern Ash. The straight lift makes it possible to use the shovel effectively where overhead clearance may be only a matter of inches.

The design of the ribbed, low sided wide blade enables it to haul out a substantial load. Forged from special steel, the comparatively lightweight blade has long lasting qualities under hard service conditions.

This shovel is another example of the care and attention given to the design and construction of all TRUE TEMPER tools in order to best meet the requirements of the service for which they are intended.

Cat. No. X81-6
Hollow Back, Long Billed Ash Pan Scoop with Plain 10 in. x 22½ in. Blade and 6 foot Handle.



Cat. No. X810-6
Hollow Back, Long Billed Ash Pan Scoop with 10 in. x 22½ in. Perforated Blade and 6 foot Handle.

LONG BILLED ASH PAN SCOOPS

Hollow Back
For Low Set Steam Boilers

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brand — *CONNEAUT SPECIAL AND DIAMOND*	16 Gauge Blades, XX Grade Handles			Skelton Brand — *SKELTON SPECIAL AND KEYSTONE*
List No.	Blade Description		Handle Description	Right Repair Handle No.
X81-6	10 in. x 22½ in.	Plain Blade	6 ft. Handle	R2X6H
X81-7	10 " x 22½ "	" "	7 " "	R2X7H
X81-8	10 " x 22½ "	" "	8 " "	R2X8H
X81-10	10 " x 22½ "	" "	10 " "	R2X10H
X81-12	10 " x 22½ "	" "	12 " "	R2X12H
X810-6	10 in. x 22½ in.	Perforated Blade	6 ft. Handle	R2X6H
X810-7	10 " x 22½ "	" "	7 " "	R2X7H
X810-8	10 " x 22½ "	" "	8 " "	R2X8H
X810-10	10 " x 22½ "	" "	10 " "	R2X10H
X810-12	10 " x 22½ "	" "	12 " "	R2X12H

GRADE B, TRUE TEMPER QUALITY, HEAT TREATED

STAR	16 Gauge Blades, X Grade Handles			*CRESCENT*
BX81-6	10 in. x 22½ in.	Plain Blade	6 ft. Handle	R1X6H
BX81-7	10 " x 22½ "	" "	7 " "	R1X7H
BX81-8	10 " x 22½ "	" "	8 " "	R1X8H
BX81-10	10 " x 22½ "	" "	10 " "	R1X10H
BX81-12	10 " x 22½ "	" "	12 " "	R1X12H
BX810-6	10 in. x 22½ in.	Perforated Blade	6 ft. Handle	R1X6H
BX810-7	10 " x 22½ "	" "	7 " "	R1X7H
BX810-8	10 " x 22½ "	" "	8 " "	R1X8H
BX810-10	10 " x 22½ "	" "	10 " "	R1X10H
BX810-12	10 " x 22½ "	" "	12 " "	R1X12H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

NOTE: Long Billed Ash Pan Scoops can be supplied in A Grade (Skelton Works) Bull Dog Brand and B Grade (Skelton Works) Bantam or Fox Brands.

STANDARD LIFTS

Blade Lift, 3½ inches—Handle Lift, 13 inches.

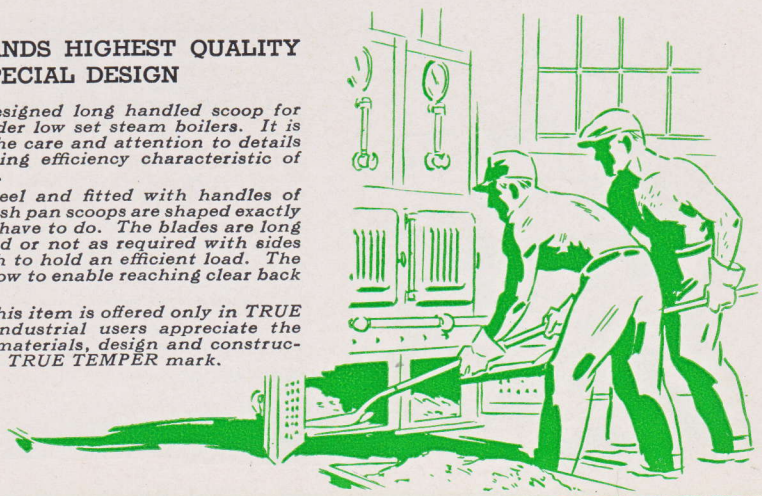
For Special Lifts See Page 67

INDUSTRY DEMANDS HIGHEST QUALITY AND SPECIAL DESIGN

Here is a specially designed long handled scoop for cleaning ash pans under low set steam boilers. It is just one example of the care and attention to details which improve handling efficiency characteristic of TRUE TEMPER Tools.

Made from special steel and fitted with handles of varying length, these ash pan scoops are shaped exactly right for the job they have to do. The blades are long and narrow, perforated or not as required with sides turned up just enough to hold an efficient load. The lift, of course, is very low to enable reaching clear back to the rear wall.

It is significant that this item is offered only in TRUE TEMPER Quality. Industrial users appreciate the economy of the best materials, design and construction as insured by the TRUE TEMPER mark.



SNOW OR BARN SHOVELS

Hollow Back

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brands — **Skelton Brands**

CONNEAUT SPECIAL 16 Gauge Blades, XX Grade Handles *SKELTON SPECIAL*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E75	2	11½ in. x 14¾ in.	27 inch SturdE Steel D	REXXH
Y75	2	11½ " x 14¾ "	27 inch Wood Split D	RSXXH
W75	2	11½ " x 14¾ "	27 inch Wood D	RWXXH
X75	2	11½ " x 14¾ "	47 inch Long Handle	R2X48H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 16 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

CE75	2	11½ in. x 14¾ in.	27 inch SturdE Steel D	RE1H
CY75	2	11½ " x 14¾ "	27 inch Wood Split D	RS1H
CW75	2	11½ " x 14¾ "	27 inch Wood D	RW1H
CX75	2	11½ " x 14¾ "	47 inch Long Handle	R248H

GRADE D, SHEET STEEL BLADE, NOT HEAT TREATED

SNOW BIRD — 16 Gauge Blades, No. 1 Grade Handles — *SNOW DRIFT*

HE75	2	11½ in. x 14¾ in.	27 inch SturdE Steel D	RE1H
HY75	2	11½ " x 14¾ "	27 inch Wood Split D	RS1H
HW75	2	11½ " x 14¾ "	27 inch Wood D	RW1H
HX75	2	11½ " x 14¾ "	47 inch Long Handle	R148H

SPECIAL GRADE, SHEET STEEL BLADE, NOT HEAT TREATED

HOUSEHOLD — 16 Gauge Blade, No. 2 Grade Handles — *HOUSEHOLD*

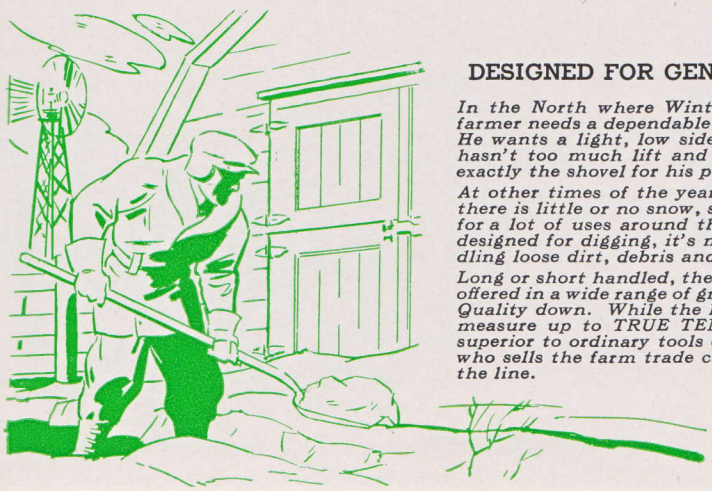
HHX75	2	11½ in. x 14¾ in.	48 inch Long Handle	R248H
HHI75	2	11½ " x 14¾ "	32 inch I.D.L. Steel D	R1232H
HHY75	2	11½ " x 14¾ "	32 inch Wood Split D	RS232H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Household and Home Brand Furnished with Black Finished Blades Only.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle —Blade Lift, 6½ inches —Handle Lift, 20 inches.
Long Handle —Blade Lift, 6½ inches —Handle Lift, 29 inches.

For Special Lifts See Page 67



DESIGNED FOR GENERAL PURPOSE USE

In the North where Winter snow fall is heavy, the farmer needs a dependable shovel to clear away drifts. He wants a light, low sided, well balanced tool that hasn't too much lift and will clean easily. Here is exactly the shovel for his purpose.

At other times of the year and in the regions where there is little or no snow, such a tool comes in handy for a lot of uses around the barns. Although it isn't designed for digging, it's mighty convenient for handling loose dirt, debris and manure. Farmers like it.

Long or short handled, these snow or barn shovels are offered in a wide range of grades, from TRUE TEMPER Quality down. While the lower priced shovels do not measure up to TRUE TEMPER standards, they are superior to ordinary tools of this type and the dealer who sells the farm trade can do a nice business with the line.

Cat. No. E75

Hollow Back, Snow or Barn Shovel, Size #2, with SturdE Steel D Type Handle.

Cat. No. X75

Hollow Back, Snow or Barn Shovel, Size #2, with 47 inch Long Handle.

Cat. No. E82

Hollow Back, Standard Furnace Scoop, Size #2, with SturdE Steel D Type Handle.

Cat. No. X82

Hollow Back, Standard Furnace Scoop, Size #2, with 51 inch Long Handle.

STANDARD FURNACE SCOOPS

Hollow Back

GRADE A, TRUE TEMPER QUALITY, HEAT TREATED

Conneaut Brand — **Skelton Brand**

CONNEAUT SPECIAL — 16 Gauge Blades, XX Grade Handles — *SKELTON SPECIAL*

List No.	Size No.	Blade Description	Handle Description	Right Repair Handle No.
E82	2	10¼ in. x 15½ in.	27 inch SturdE Steel D	REXXH
Y82	2	10¼ " x 15½ "	27 inch Wood Split D	RSXXH
W82	2	10¼ " x 15½ "	27 inch Wood D	RWXXH
X82	2	10¼ " x 15½ "	51 inch Long Handle	R2X54H

GRADE C, CARBON STEEL BLADE, NOT HEAT TREATED

EMPIRE — 16 Gauge Blades, No. 1 Grade Handles — *IMPERATOR*

CE82	2	10¼ in. x 15½ in.	27 inch SturdE Steel D	RE1H
CY82	2	10¼ " x 15½ "	27 inch Wood Split D	RS1H
CW82	2	10¼ " x 15½ "	27 inch Wood D	RW1H
CX82	2	10¼ " x 15½ "	51 inch Long Handle	R154H

GRADE D, SHEET STEEL BLADES, NOT HEAT TREATED

DEALERS — 16 Gauge Blades, No. 1 Grade Handles — *HOME*

HE82	2	10¼ in. x 15½ in.	27 inch SturdE Steel D	RE1H
HY82	2	10¼ " x 15½ "	27 inch Wood Split D	RS1H
HW82	2	10¼ " x 15½ "	27 inch Wood D	RW1H
HX82	2	10¼ " x 15½ "	47 inch Long Handle	R148H

SPECIAL GRADE, SHEET STEEL, NOT HEAT TREATED

HOUSEHOLD — 16 Gauge Blades, No. 2 Grade Handles — *HOUSEHOLD*

HHX82	2	9 in. x 15 in.	48 inch Long Handle	R248H
HHI82	2	9 " x 15 "	32 inch Steel D	RI232H
HHY82	2	9 " x 15 "	30 inch Wood Split D	RS230H

List Numbers Apply on Black Finished Blades. For Other Finishes See Standard Extras in Price List.
Household Brand Furnished with Black Finished Blades Only.
Handle Length Measurements Shown Refer to Length from Top of Blade to End of Handle.

STANDARD LIFTS

D Handle—Blade Lift, 4½ inches—Handle Lift, 16 inches.
Long Handle—Blade Lift, 4½ inches—Handle Lift, 24 inches.

For Special Lifts See Page 67

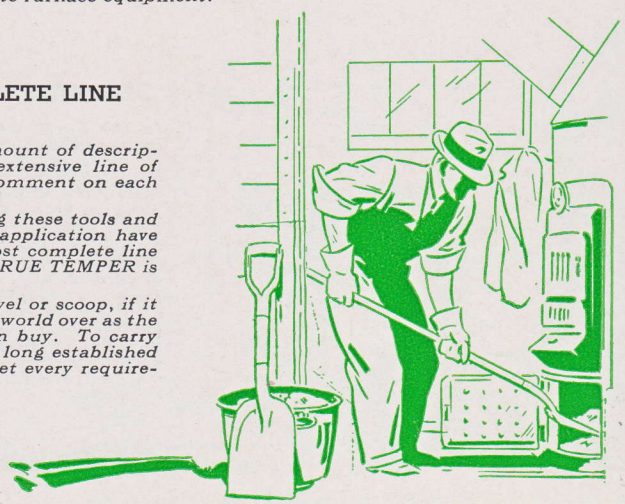
These narrow bladed low lift scoops are especially designed for domestic furnaces where the fire door is limited in size. The long handled scoop is ideal for cleaning ashes and can be used for feeding fuel as well. However, a little sound merchandising on the part of the dealer should convince the householder that he needs both for adequate furnace equipment.

ROUNDING OUT A COMPLETE LINE OF SCOOPS

Because of limited space and the amount of description data required to present our extensive line of scoops, it has not been possible to comment on each type and design.

Years of experience in manufacturing these tools and long familiarity with every possible application have made TRUE TEMPER scoops the most complete line available. In this field as in others TRUE TEMPER is a mark of quality and leadership.

Whatever the brand or design of shovel or scoop, if it is TRUE TEMPER it is recognized the world over as the best tool of the type that money can buy. To carry the line is to take advantage of that long established reputation and to be prepared to meet every requirement of the trade.



KELLY AXES & TOOLS

From early pioneering times **Kelly Axes** have hewn the expanding path of progress across the continent. . . . In lumber camp and woodlot, they set the pace, maintaining the high standards of quality and performance for which they have always been distinguished.

TRUE TEMPER WORLD'S FINEST TOOLS

A GOOD axe deserves a good handle and your assurance that you have both is this distinctive label on every Kelly Quality Factory Handled Axe.

FACTORY FITTED HANDLE
KELLY QUALITY
PERFECT HANG & BALANCE

KELLY PERFECT—The Axe That Built A Business

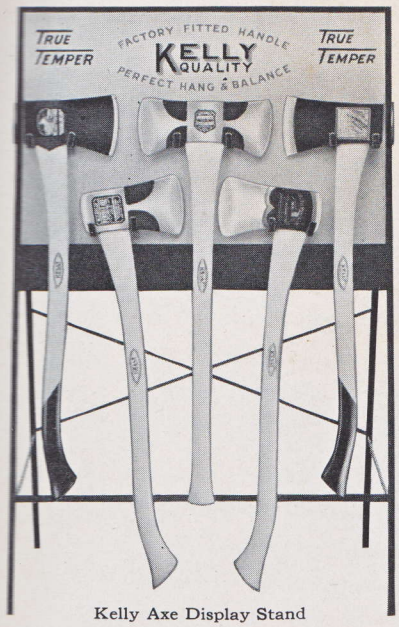
To call an axe PERFECT is to demand of it full proof of quality and performance. By meeting every test and giving exceptional service this axe has definitely proved that it is rightly named.

Specially designed, forged from the finest steel, heat treated, normalized and tempered by the Kelly Process, here is an axe that enters the wood easily, bursts the chip and clears, a fast axe that takes and holds a perfect edge.

It has built a business on its consistent performance. Given the perfect balance of a factory fitted handle, it is the premiere of fine axes, at the head of the Kelly Line and away ahead of all others.

Kelly Axes, Hatchets, Hammers, and Edge Tools

Although we present in this department the largest and most complete line of tools of this type offered by any manufacturer for distribution through regular hardware outlets, Kelly leadership does not depend upon size alone. Much more important is the established reputation for quality and the high standards of material and workmanship which feature every Kelly tool.



Kelly Axe Display Stand

AXES

At the head of our great line of fine axes stands the "Kelly Perfect" which, by its long record of consistent, efficient performance has gained world wide recognition.

In addition we are prepared to supply the widest range of brands, shapes and patterns available from any axe manufacturer. All of our axes, because of the manner in which each is manufactured and finished, have repeatedly proved their capacity for superior performance in addition to their more attractive appearance.

HATCHETS

We manufacture a complete line of standard and special purpose hatchets in a variety of attractive finishes. Whatever pattern it may be each Kelly Hatchet is carefully designed and manufactured to suit exactly the use for which it is intended. Special attention is paid to proper distribution of long wearing steel, to hang and balance, and each individual detail which makes an efficient tool.

Every Kelly Hatchet is beautifully finished, having that "quality look" for which there is no substitute in modern merchandising.

HAMMERS

Here is another complete line of Kelly tools from which a satisfactory selection can be made to suit any use to which a hammer can be put.

To some extent every Kelly Hammer is specially designed so that it performs its individual task better than any ordinary hammer.

All Kelly Hammers are forged of the finest steel and heat treated by a scientific process which prevents crushing or chipping in use.

"Hang and Balance," already mentioned in connection with axes and hatchets are of utmost importance in hammers and satisfied users of Kelly Hammers the world over testify to their superior hang and balance.

In common with all Kelly tools, our hammers are beautifully finished and attractive in appearance to an extent which greatly enhances their salability.

SCYTHES

Long recognized as the leading scythe manufacturer, Kelly is prepared to supply all standard patterns in a wide range of finishes.

Our scythes are hand forged of the finest steel in both one piece and welded patterns. Specially heat treated and tempered, they wear longer and carry a sharper cutting edge which requires less whetting.

The proper pattern of a Kelly Scythe will satisfy the most exacting demands of particular users.

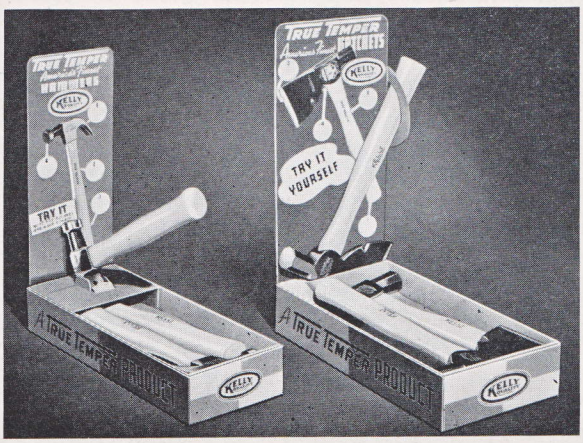
EDGE TOOLS

Kelly also offers an extensive selection of Grass Hooks, Weed Cutters, Bush Hooks, Ditch Bank Blades, Machetes, Adzes and similar tools. Manufactured of the best steel, properly designed, beautifully constructed and finely finished, these tools have been giving satisfaction to distributors and users for many years.

ALL KELLY TOOLS CAREFULLY PACKED

Realizing the merchandising value of appearance, much attention has been given to the manner in which our tools are packed.

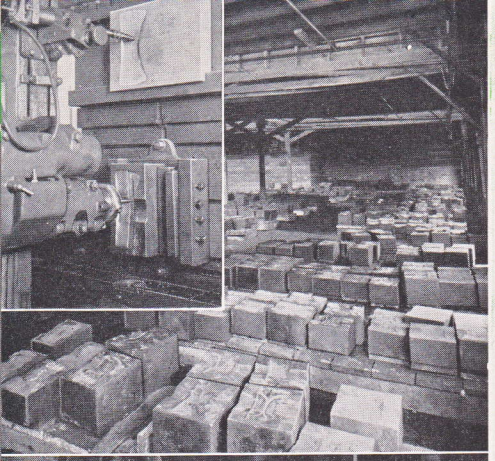
All containers are sturdily constructed of material specially suitable to the weight of their contents. In addition, each separate tool is wrapped or packed in such a way that it will reach the customer without having the finish injured or marred.



Illustrating the attractive display boxes in which "Kelly Quality" Claw Hammers and Hatchets are furnished, as noted on pages 152 and 158.

High Spots In Manufacturing

A CHAPTER FROM HARDWARE HISTORY

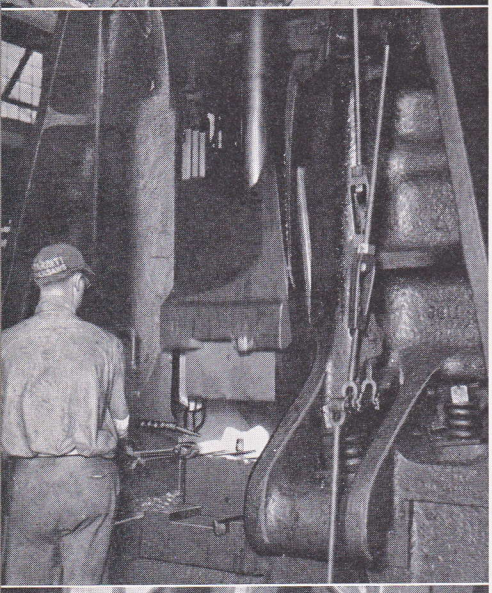


SHAPING THE KELLY AXE

Special Steel forging dies cut by precision tools such as this one determine in advance the pattern and weight of each axe. Here are a few hundred such dies in storage awaiting installation in the 3000 lb. Drop Hammers.

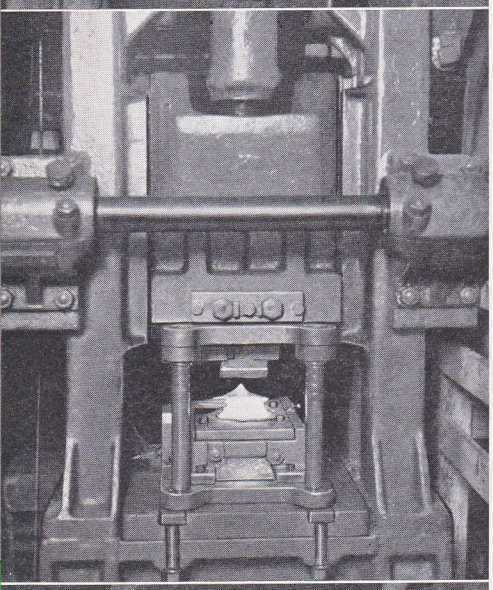
The name "Kelly" has been prominent in the Hardware Industry for almost three quarters of a century, and in iron and steel manufacturing much longer than that. When W. C. Kelly began making axes not quite ten years after the close of the Civil War, he already had a practical knowledge of steel acquired from his father who was one of the outstanding Steel men of his time.

Whether or not he fully realized the aggressive competition he was to encounter, his natural business acumen made his course plain. To succeed he must make better axes than anyone else could make. In fact, it was up to him as he saw it, to make a virtually perfect axe, so



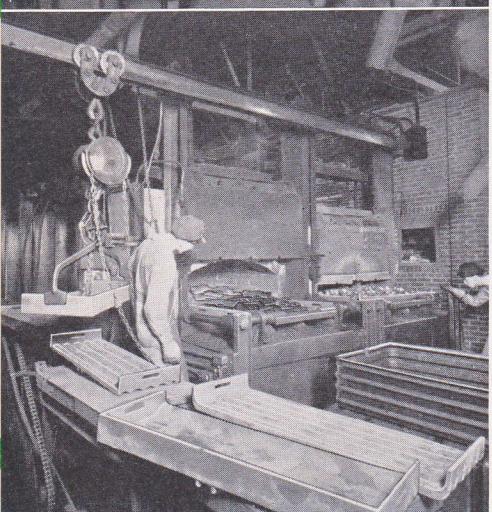
FORGING A KELLY DOUBLE BIT AXE

Giant hammers form the axe heads from bars of special steel. Forging a perfect axe demands operating skill which results from years of experience and for which there is no substitute.



TRIMMING TO THE REQUIRED SIZE

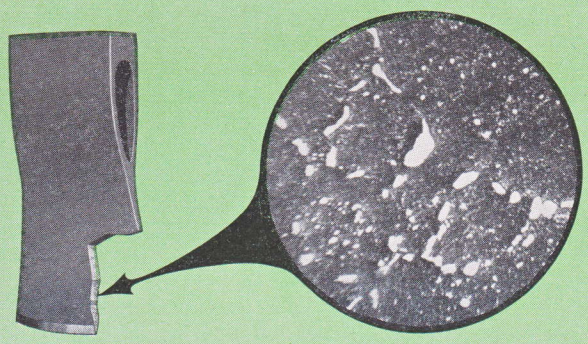
All the extra metal which has been squeezed out by the die in forging must be cut away, an operation accomplished by one stroke in modern presses fitted with trimmer dies for each size and pattern.



ALL KELLY AXES NORMALIZED AND SCIENTIFICALLY HEAT TREATED

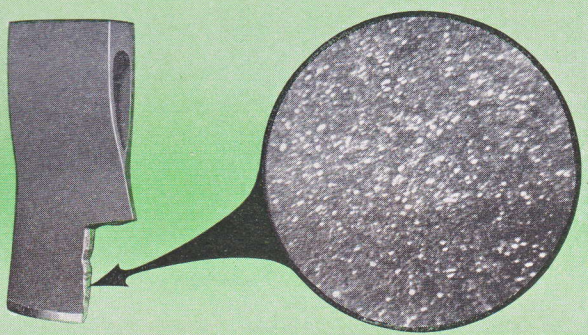
This operation requires huge electric furnaces with automatic electric heat controls. The axes are loaded into these normalizing furnaces on slow moving conveyors, subjected to gradually increasing temperatures up to the maximum required and then quenched in oil, followed by annealing. In this way every atom of steel in the axe is normalized and all inequalities, stresses and strains removed. Uniform texture insures uniform temper and this process is the reason why the temper does not vary perceptibly in one or one thousand Kelly Axes.

USUAL HEAT TREATMENT



This axe was completely finished without the normalizing treatment. The microphotograph (750 diameters) shows the resulting inequalities of the internal structure of the steel as indicated by the white areas.

NORMALIZED AND HEAT TREATED



Here is another axe made from identical steel but normalized. The close texture is obvious and is shown by equal distribution of white areas reduced to pinpoint size. Internal stresses and strains are thus removed and uniform tempering made possible.

without in the least underestimating the size of the task, he promptly set about doing it in an eminently practical manner.

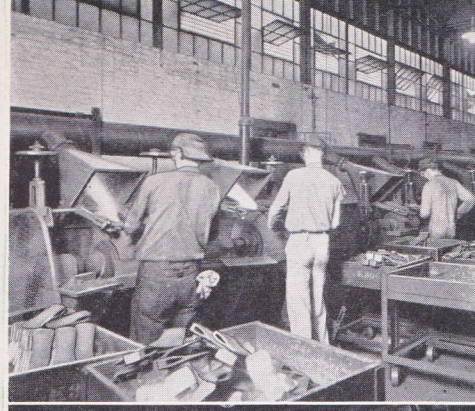
Studying the axes of the period, he observed that a woodsman exerted almost as much energy to get his axe out of green timber as he did to drive it in. Most axes had a tendency to bind when driven deep into the wood and Kelly set out to overcome this trouble with an original design.

By giving the blade a convex taper from eye to edge and by beveling it on each side just under the eye so that the increasing thickness above the edge was in the center of the blade he had an axe that performed as he wanted it to. Driven deep into green wood, it immediately burst the chip and came away with slight effort.

Besides being a practical manufacturer, Kelly was an instinctive merchandiser. Naming his new axe "The Kelly Perfect" he proceeded to prove conclusively to an ever-increasing market that the tool's performance justified the name.

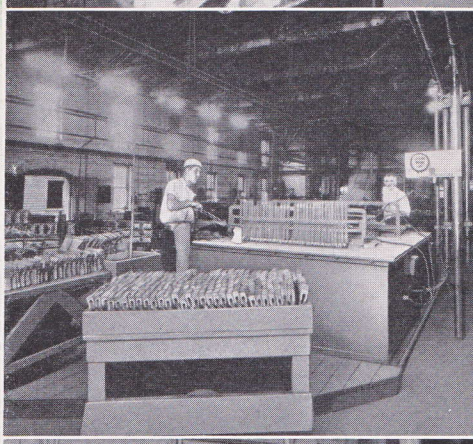
During a long and eventful career as the successful head of the largest axe and edge tool business in the world, W. C. Kelly never turned his back on the principle with which he started, always to make the best tools that human ingenuity could devise. So firmly did he insist on perfection and so completely were those about him imbued with his spirit that his passing has not altered the principle in the slightest degree.

Believing as we do that a clearer knowledge of some of our manufacturing operations cannot help but strengthen an appreciation of the real quality of Kelly Tools, we have shown and described them to you. If you can arrange to do so, a personal trip through the Kelly Works at Charleston, W. Va., will be well worth your time and effort because here we can only show you a few of the high spots.



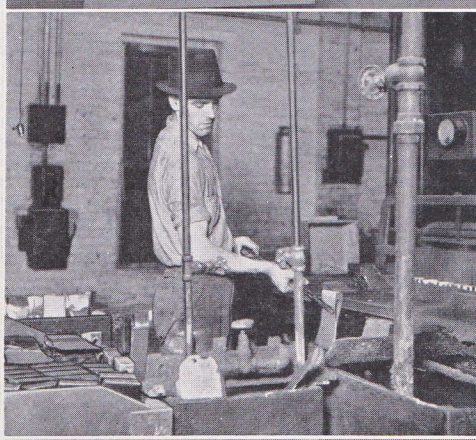
TYPICAL VIEW OF GRINDING OPERATIONS

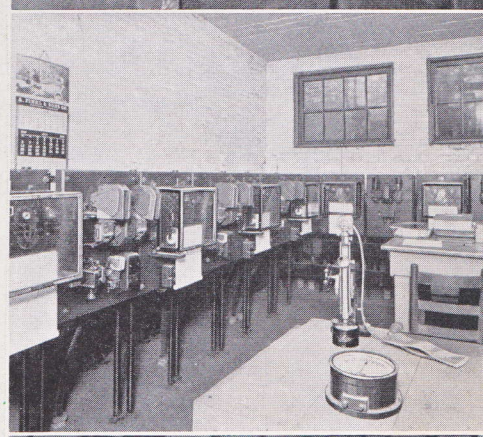
Batteries of grinding wheels like these occupy several rooms and many feet of factory space. Here the final operations in forming an axe are carried on under the most rigid inspection. When the axe leaves this department it is shaped exactly to pattern and edged for use.



EVERY KELLY AXE SCIENTIFICALLY TEMPERED

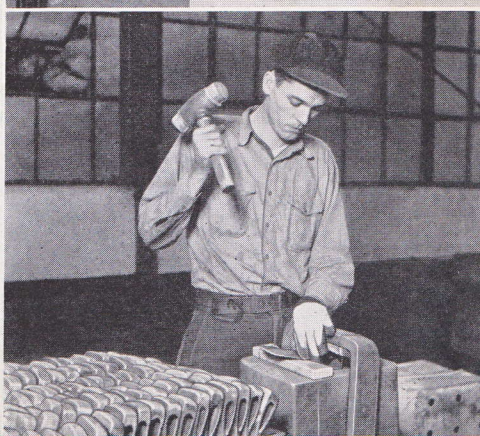
Electric Tempering Furnaces, electrically controlled as to temperature, heat the axes to the required point at which they are immersed in the quenching medium. Uniformity of temper is an outstanding feature of our axes.





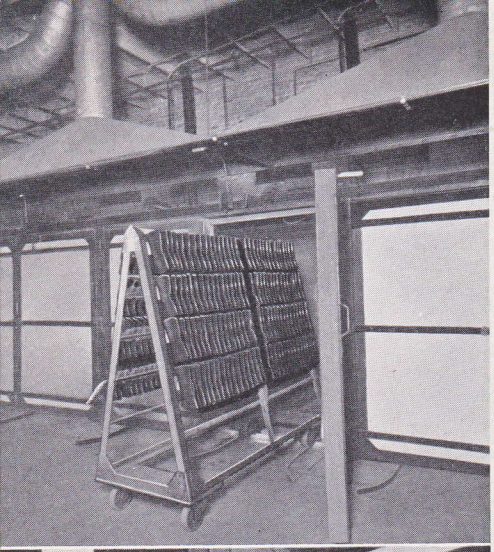
AUTOMATIC ELECTRICAL CONTROL

Each Tempering Furnace is accurately controlled from a control room containing electrical control instruments so that the heat in each furnace is kept at the proper point throughout the working day.



EACH AXE IS GIVEN THE MALLET TEST

There are many men like this one whose only job is to strike all parts of every axe many heavy blows with a special mallet. If there are any hidden defects present, such as temper cracks or burns, this test will bring them to light.

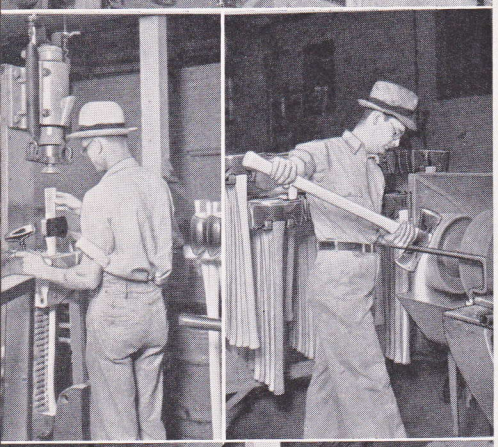


MAKING THE FINISH PERMANENT

For the various finishes other than polished, batteries of modern electric ovens bake on the surface coatings of Kelly Axes, giving each a strong and durable as well as attractive finish.

ONE CORNER OF THE FINISHING DEPARTMENT

This is the room where the final finishes are applied by hand and the picture shows one of the workers giving the finishing touches to a Kelly Perfect Axe.



PNEUMATIC HAMMERS TAKE CARE OF THE HANDLING

It is of paramount importance that handles be accurately fitted and such hammers as this one force them into the eyes of the axes right up to the handle shoulders. This assures correct hang and balance for the completed axe.

The same hammers also drive in the wedges after which all excess wood is sawed off and the top of the handled axe given a finish on buffing wheels such as this one.

CAREFUL PACKING PRESERVES FINISH AND APPEARANCE

Here are a few dozen Kelly Factory Handled Axes being packed for shipment. The heads are individually wrapped to protect them from scratches and are packed six in a wooden box. Stout paper tubes cover each handle to protect it from being soiled or scratched until sold to the user.

FORGING AND FINISHING FINE AXES

Suppose we start in the die department where each different shape and pattern has its own forging die. The storage room will give you an idea of how many have to be kept ready. Numbers of them are duplicates for the several sets of hammers which frequently work on one pattern at a time. Right at this point the uniformity which characterizes Kelly axes begins, since there can be no variation between any two or more dies cut to one pattern by profiling machines like the one illustrated on page 130.

Axes are shaped and punched by a series of forging operations under giant hammers and presses, a process which renders the steel more and more compact and homogeneous in structure. During these operations they are being continually heated and reheated.

In order to avoid structural variation of the steel and to relieve any internal inequalities, stresses or strains, all Kelly axes are normalized by special scientifically controlled heat treating which gives them a uniform texture and makes possible uniform tempering. Normalizing furnaces and the effect of the process are illustrated on page 130.

After normalizing and finish shaping in the grinding rooms, each axe is given its final temper, a process which sets a Kelly axe apart from ordinary tools of this class. So exact and precisely controlled is the method of tempering that temper will not vary perceptibly in any given number of Kelly axes.

Despite rigid control and the most careful inspection all along the line a few axes will show defects under such vigorous final tests as are given by the mallet men. If a temper crack or burn does exist, either is bound to come to light at this point and the defective axe is rejected at once.

A tour of the grinding department and of the painting and drying rooms as well as the axe handling department will give you a better idea

Kelly Axes And Scythes

of the importance of finish in Kelly manufacturing. There are many finishes but each is beautifully turned out with the greatest care and a final look into the axe packing room will demonstrate the pains taken to pack each tool in such a manner as will preserve its fine finish in transit.

HOW KELLY SCYTHES ARE MADE

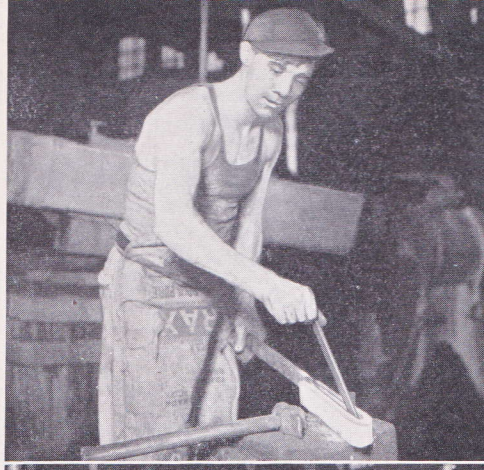
We would like to show you hammers, hatchets and some of the other tools in the making. Of course in a general way the processes are very similar to those used in manufacturing axes. Scythes, however, are made a little differently and it might be interesting to take a brief look into this department.

Kelly scythes are all hand forged and skillfully shaped under repeated blows of the hammers. Whether welded or one piece the shaping operations are the same. These that you see here are being welded, i. e., tool steel for the edge is inserted between mild steel for the back and the two are drawn out into one blade.

Every scythe is finish ground and edged ready for use and then comes to these tempering furnaces. Automatically controlled temperatures and exact timing insure a uniformity of temper in all Kelly scythes which has made them outstanding in their lasting qualities and capacity for performance.

Scythes are regularly bundled in lots of six, separated by excelsior pads and bound in burlap. This method of packing protects individual blades from rubbing against each other and facilitates handling because of its convenient size.

There is much more to Kelly manufacturing and we wish we could show it all to you. What you have seen should give you a clearer conception of Kelly Quality and what lies behind it. It should also give you a better appreciation of the merchandising possibilities of the tools we list on the following pages.

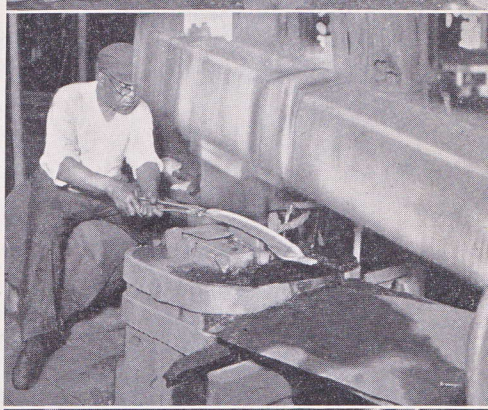


INSERTING TOOL STEEL CUTTING EDGE IN WELDED SCYTHE

In making a welded scythe special Hi-Carbon Steel is laid between sections of mild steel. The pieces are returned once more to the furnace and heated to proper forging temperature.

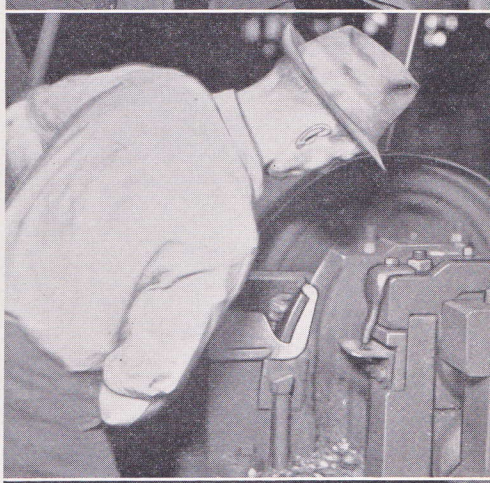
EVERY KELLY SCYTHE HAND FORGED

The heated bar shown above has been drawn out under the rapid blows of this hammer into something roughly resembling a scythe. In the process the tool steel bit has been firmly welded and drawn out to later become the cutting edge.



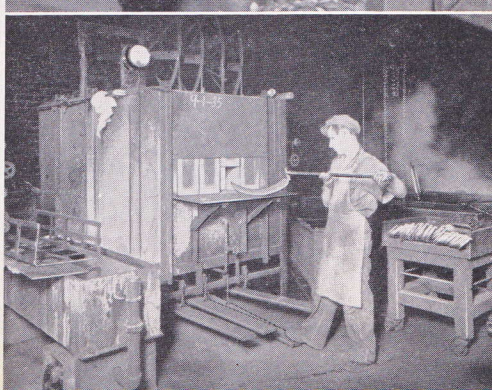
HUMAN SKILL AT ITS BEST

The long flat pointed scythe with the welded steel bit has now become definitely shaped. A high degree of skill is required here because, except for setting the heel and grinding, the scythe is made.



BENDING THE HEEL INTO POSITION

When the scythe comes from the hammers which have welded the tool steel bit and shaped the entire blade, the heel is a thicker extension of metal which still must be forged into correct shape as is shown here.



HEAT TREATING AND TEMPERING

Each scythe must pass through successive furnaces and quenching tanks, a highly scientific process subject to the most careful technical control as to temperature and timing. What has been said about uniform temper of Kelly Axes applies equally to Kelly Scythes.

COMPLETE LIST of AXE PATTERNS and WEIGHTS

TRUE TEMPER KELLY QUALITY

SINGLE BIT AXES

DAYTON
Plain Shape, furnished in First Quality ..... 3 to 6 lbs. and 8 lbs.
" " " " Second " ..... " " " " " " " "
" " " " Third " ..... " " " " " " " "
Beveled " " First " ..... 3 to 6 lbs.
" " " Second " ..... " " " "
Raised Bit " " First " ..... 3 to 6 lbs.

DELAWARE OR WIDE DAYTON
Plain Shape, furnished in First Quality ..... 3 to 5 lbs.

MICHIGAN
Plain Shape, furnished in First Quality ..... 3 to 5 lbs.
" " " " Second " ..... " " " "
" " " " Third " ..... " " " "
Beveled " " First " ..... 3 to 5 lbs.
" " " Second " ..... " " " "

HOOSIER
Plain Shape, furnished in First Quality ..... 3 lbs. to 4½ lbs.

CONNECTICUT
Plain Shape, furnished in First Quality ..... 2½ to 4¾ lbs.
" " " " Second " ..... " " " "

NEW ENGLAND OR IMPROVED WISCONSIN
Plain Shape, furnished in First Quality ..... 3 to 4 lbs.
" " " " Second " ..... " " " "

YANKEE
Plain Shape, furnished in First Quality ..... 3 to 5 lbs.
" " " " Second " ..... " " " "

CEDAR
Plain Shape, furnished in First Quality ..... 2½ and 3 lbs.

ROCKAWAY
Plain Shape, furnished in First Quality ..... 3 to 4½ lbs.
" " " " Second " ..... " " " "

JERSEY OR BALTIMORE JERSEY
Plain Shape, furnished in First Quality ..... 2½ to 5½ lbs.
" " " " Second " ..... " " " "
" " " " Third " ..... " " " "
Beveled " " First " ..... 2½ to 5½ lbs.
" " " Second " ..... " " " "
Raised Bit " " First " ..... 3 to 5½ lbs.

WISCONSIN
Plain Shape, furnished in First Quality ..... 3 to 4 lbs.
" " " " Second " ..... " " " "

BALTIMORE KENTUCKY
Plain Shape, furnished in First Quality ..... 3 to 5½ lbs.
" " " " Second " ..... " " " "
" " " " Third " ..... " " " "
Beveled " " First " ..... 3 to 5½ lbs.
" " " Second " ..... " " " "
Raised Bit " " First " ..... 3 to 5½ lbs.

HALF WEDGE
Plain Shape, furnished in First Quality ..... 3 to 3¾ lbs.
" " " " Second " ..... " " " "

KENTUCKY OR SOUTHERN KENTUCKY
Plain Shape, furnished in First Quality ..... 3 to 6 lbs.
" " " " Second " ..... " " " "
" " " " Third " ..... " " " "
Beveled " " First " ..... 3 to 6 lbs.
" " " Second " ..... " " " "
Raised Bit " " First " ..... 3 to 6 lbs.

WESTERN CROWN OR OHIO
Plain Shape, furnished in First Quality ..... 3 to 5 lbs.
" " " " Second " ..... " " " "

DOCK (Dayton Pattern)
Plain Shape, furnished in First Quality ..... 4 to 5 lbs.

RAFTING OR MAULING
Plain Shape, furnished in First Quality ..... 4, 4½ and 5 lbs.

AXE PATTERNS AND WEIGHTS (Cont'd)

TRUE TEMPER KELLY QUALITY

SINGLE BIT AND DOUBLE BIT AXES

Standard Axe List—Revised 1937
Patterns Subject to Weights Mentioned on Page 134

3½ LB. GROUP

Base Weights—No Extra

Total Weight not over 42 lbs.—No Axe over 4 lbs.

All 2½, 2¾, 3, 3¼, or 3½ lbs. or assorted.

2½ to 2¾	2¾ to 3	2¾ to 4	3 to 4
2½ " 3	2¾ " 3¼	3 " 3¼	3¼ " 3½
2½ " 3¼	2¾ " 3½	3 " 3½	3¼ " 3¾
2½ " 3½	2¾ " 3¾	3 " 3¾	

4 LB. GROUP

Total Weight Not Over 48 lbs.—No Axe Over 4½ lbs.

All 3¾, or 4 lbs. or Assorted

3 to 4¼	3¼ to 4¼	3½ to 4	3¾ to 4
3 " 4½	3¼ " 4½	3½ " 4¼	3¾ " 4¼
3¼ " 4	3½ " 3¾	3½ " 4½	

4½ LB. GROUP

Total Weight Not Over 54 lbs.—No Axe Over 5 lbs.

All 4¼ or 4½ lbs. or Assorted

3½ to 4¾	3¾ to 4¾	4 to 4½	4¼ to 4½
3½ " 5	3¾ " 5	4 " 4¾	4¼ " 4¾
3¾ " 4½	4 " 4¼	4 " 5	

5 LB. GROUP

Total Weight Not Over 60 lbs.—No Axe Over 6 lbs.

All 4¾ or 5 lbs. or Assorted

4 to 5¼	4¼ to 5	4¼ to 6	4½ to 5½
4 " 5½	4¼ " 5¼	4½ " 4¾	4½ " 5¾
4 " 5¾	4¼ " 5½	4½ " 5	4½ " 6
4 " 6	4¼ " 5¾	4½ " 5¼	4¾ " 5
			4¾ " 5¼

5½ LB. GROUP

Total Weight Not Over 66 lbs.—No Axe Over 6 lbs.

All 5¼ or 5½ lbs. or Assorted

4¾ to 5½	4¾ to 6	5 to 5½	5 to 6
4¾ " 5¾	5 " 5¼	5 " 5¾	5¼ " 5½
			5¼ " 5¾

6 LB. GROUP

Total Weight Not Over 72 lbs.—No Axe Over 6 lbs.

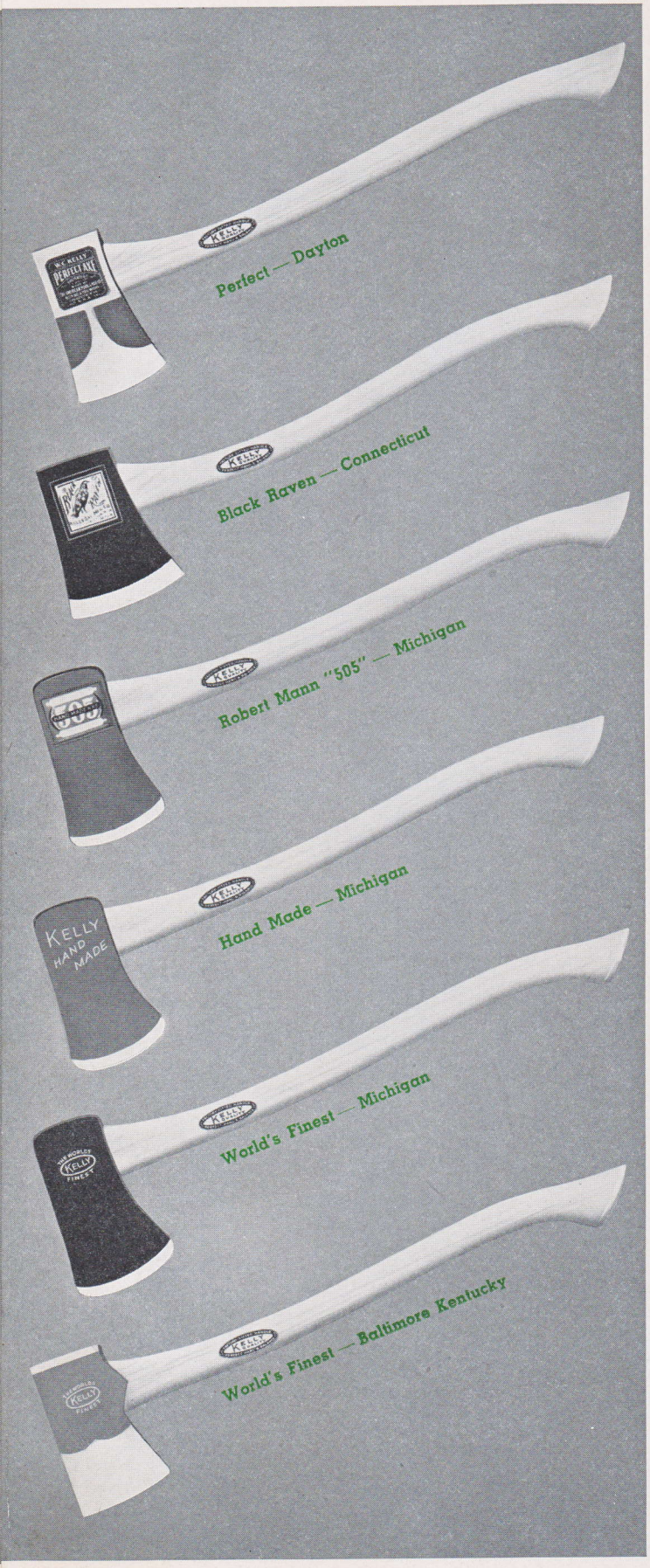
All 5¾ or 6 lbs. or Assorted

5¼ to 6	5½ to 5¾	5½ to 6	5¾ to 6

8 LB. GROUP

All 8 lbs.

6½ lb. Group, 7 lb. Group and 7½ lb. Group Discontinued



SINGLE BIT AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

PERFECT

Beveled..... Supplied in Dayton, Michigan, Kentucky, Baltimore Kentucky and Jersey patterns only. Polished with blue bevels, and labeled.

BLACK RAVEN

Plain Shape..... Supplied in all standard patterns. Rustless black and deep etched.

ROBERT MANN "505"

Plain Shape..... Supplied in all standard patterns. Polished, fire blued and labeled.

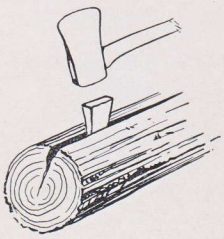
HAND MADE

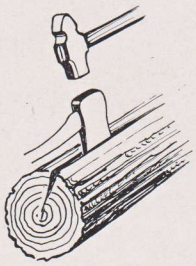
Plain Shape..... Supplied in all standard patterns. Fire blued and deep stamped.

KELLY WORLD'S FINEST

Plain Shape..... Supplied in all standard patterns. Either in smooth black, deep stamped or with polished blade, painted red and deep stamped.

These axes are supplied unhandled or with bent or straight handles. Packed—Handled, ½ doz. in a crate. Unhandled, 1 doz. in a box.



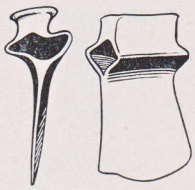


ABUSE WILL RUIN ANY AXE

A fine axe deserves good treatment. When one fails it is always advisable to distinguish between use and abuse in seeking the cause. The chart on Page 144 will help to determine whether a break is the fault of the axe or not.

An axe is a chopping tool and not designed to be used either as a maul or a wedge. Should it be misused in such a manner the disastrous results illustrated are in no sense the fault of the tool.

Another avoidable cause of axe breakage is frost. A highly tempered axe is affected by frost and an expert woodsman always warms his a little before using in cold weather. This procedure prevents the brittle condition of axe steel which frost causes.

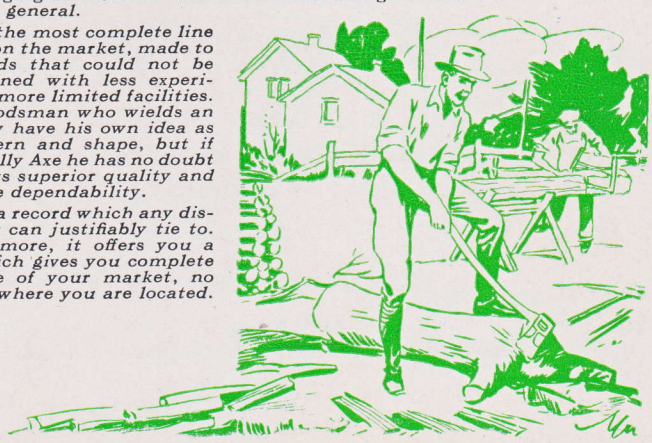


RELIABILITY THE BEST FOUNDATION FOR ANY BUSINESS

TRUE TEMPER has built a vast business on the unwavering reputation for dependable products, service and dealing. So did the Kelly Axe Company and the merging of interests is a distinct advantage to distributors and to the trade in general.

Here is the most complete line of axes on the market, made to standards that could not be maintained with less experience or more limited facilities. The woodsman who wields an axe may have his own idea as to pattern and shape, but if it's a Kelly Axe he has no doubt about its superior quality and absolute dependability.

That is a record which any distributor can justifiably tie to. Furthermore, it offers you a line which gives you complete coverage of your market, no matter where you are located.



SINGLE BIT AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

FLINT EDGE

Plain Shape.....Supplied in all standard patterns and weights. Cannon finish, black, labeled, with honed cutting edge.

VULCAN

Plain Shape.....Supplied in all standard patterns and weights. Cannon finish, black, labeled, with honed cutting edge.

PAUL BUNYAN

Plain Shape.....Supplied in all standard patterns and weights. Gunmetal finish, labeled, with honed cutting edge.

KELLY STANDARD

Plain Shape.....Supplied in all standard patterns and weights. Painted red with silver bronze border, labeled, with polished blade and poll.

RED WARRIOR

Plain Shape.....Supplied in all standard patterns and weights. Painted red and bronzed, labeled, with polished blade and poll.

SILVER EAGLE AND CHIP SLINGER BRANDS

Raised Bit.....Supplied in Dayton, Kentucky, Baltimore Kentucky and Jersey Patterns only. Polished blade, labeled and ebonized poll.

(The following axes are not illustrated)

LIPPINCOTT

Plain Shape.....Supplied in all standard patterns and weights. Bronzed, and labeled with polished blade and poll.

Beveled.....Supplied in Dayton, Michigan, Kentucky, Baltimore Kentucky and Jersey Patterns only. Full polished with blue bevels, labeled.

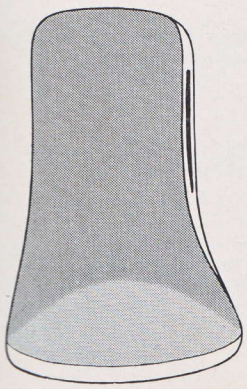
The Knot Chopper, Chippewa Chief, Cracker Jack and Chopper's Support Single Bit Axes have raised bits and depressed blades and are supplied in Dayton, Kentucky, Baltimore Kentucky and Jersey Patterns. These axes have painted polls and polished blades.

These axes are supplied unhandled or with bent or straight handles.
Packed—Handled, ½ doz. in a crate. Unhandled, 1 doz. in a box.

PROPER GRINDING IS IMPORTANT

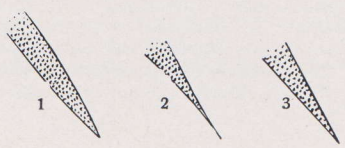
The dealer who passes along a word of caution and instruction on this subject when he sells an axe will be doing his customer a favor.

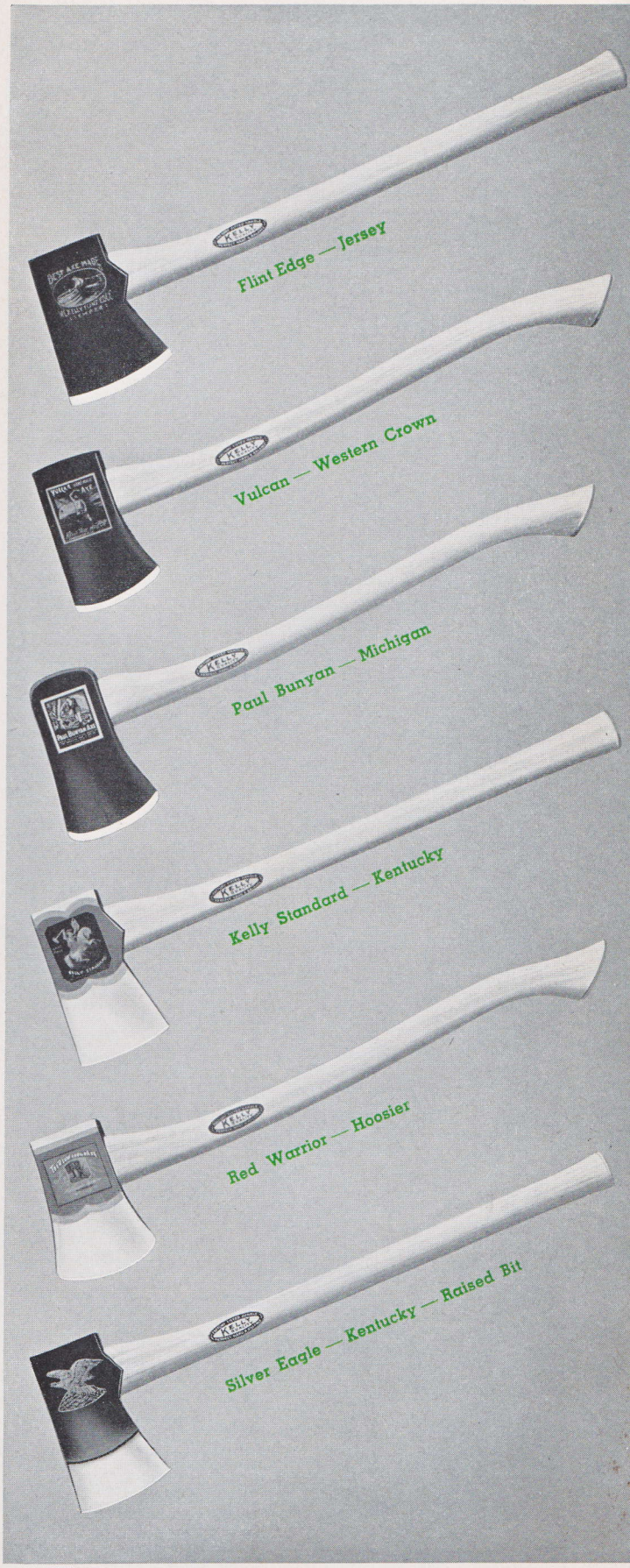
An axe should be ground slowly on a very wet wheel and never on a high speed dry wheel. This is most important because a fast, dry grinding wheel generates heat quickly and will draw the temper from the thin cutting edge, ruining the axe completely.

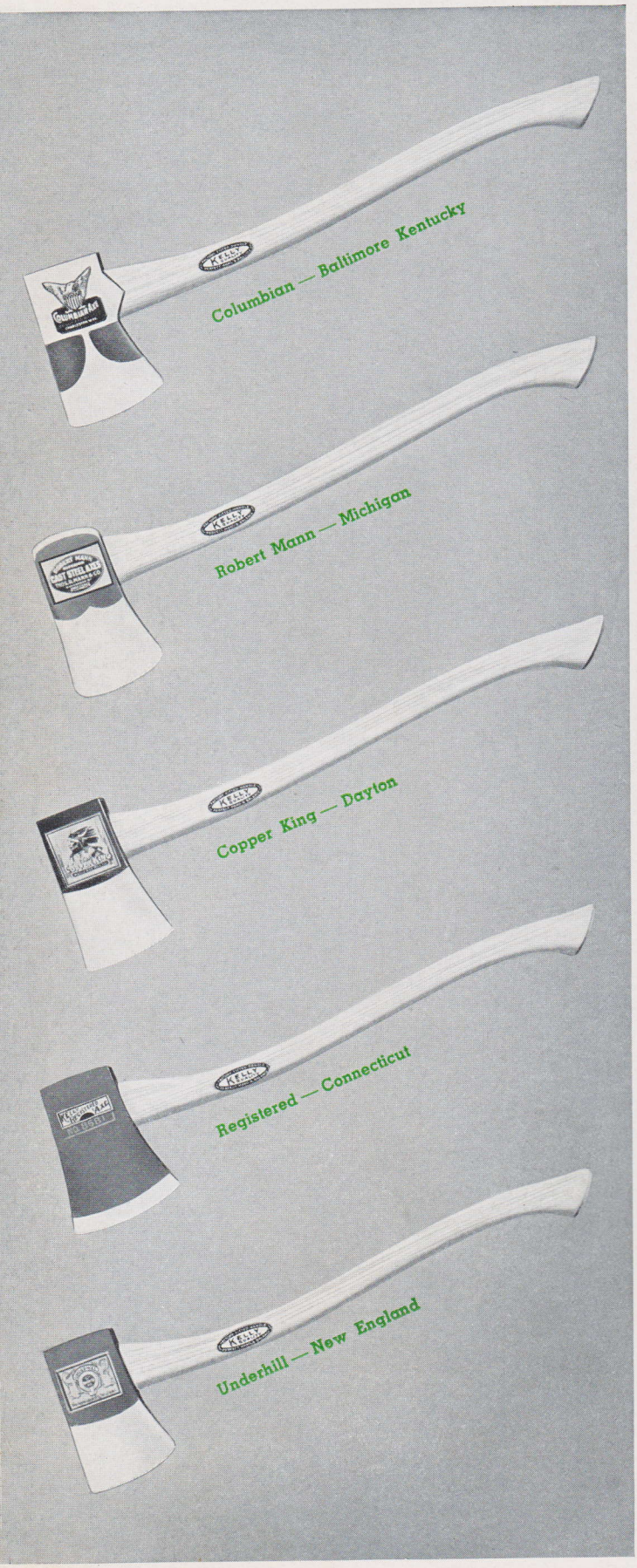


Grinding should be started about two inches back from the cutting edge and carried down to within a half inch or so of the edge, following the original contour of the axe. The effect should be fan shaped with adequate thickness left at the corners for sufficient strength.

A convex edge bevel, (1) as shown below, should be "rolled off" in finishing. The frequent mistake of a double concave bevel (2) makes a weak edge, one that will break easily. The long straight bevel (3) is also incorrect. While it is better than the concave, it is still not as strong as the convex bevel and will bind in the wood where a convex edge bursts the chip and clears.







SINGLE BIT AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

COLUMBIAN

Beveled..... Supplied in Dayton, Michigan, Kentucky, Baltimore Kentucky and Jersey Patterns only. Full polished and labeled with crimson bevels.

ROBERT MANN

Plain Shape..... Supplied in all standard patterns and weights. Bronzed and labeled, with polished blade and poll.

COPPER KING

Plain Shape..... Supplied in all standard patterns and weights. Painted black and labeled, with copper finished blade and honed cutting edge.

REGISTERED

Plain Shape..... Supplied in all standard patterns and weights. Fire blued finish, deep etched, gold bronze lettering, honed cutting edge.

This axe numbered and packed in an individual carton.

UNDERHILL

Plain Shape..... Supplied in all standard patterns and weights. Painted or bronzed with polished blade.

(The following axes are not illustrated)

HAND HONED

Plain Shape..... Supplied in all standard patterns and weights. Rustless black, deep etched, honed cutting edge.

AMERICANAX

Plain Shape..... Supplied in all standard patterns and weights. Jet finish, deep etched, honed cutting edge.

NEW ERA

Plain Shape..... Supplied in all standard patterns and weights. Bronzed and labeled, with polished blade and poll.

HUNT

Plain Shape..... Supplied in all standard patterns and weights. Painted or bronzed and labeled, with polished blade and poll.

MOUNTAINEER

Plain Shape..... Supplied in all standard patterns and weights. Gunmetal finish, labeled, with honed cutting edge.

HOTTENTOT

Plain Shape..... Supplied in all standard patterns and weights. Cannon finish, black, labeled, with honed cutting edge.

FARMERS' FRIEND

Plain Shape..... Supplied in all standard patterns and weights. Cannon finish, black, labeled, with honed cutting edge.

These axes are supplied unhandled or with bent or straight handles.
Packed —Handled, ½ doz. in a crate. Unhandled. 1 doz. in a box.

SINGLE BIT AXES

Intermediate Grade

FALLS CITY

Beveled.....Supplied in Dayton, Michigan, Kentucky, Baltimore Kentucky and Jersey Patterns only. Painted red and labeled, with blue bevels and polished blade.

RED ROVER

Beveled.....Supplied in Dayton, Michigan, Kentucky, Baltimore Kentucky and Jersey Patterns only. Painted red and labeled, with green bevels and polished blade.

NIAGARA

Beveled.....Supplied in Dayton, Michigan, Kentucky, Baltimore Kentucky and Jersey Patterns only. Painted red and labeled, with blue bevels and polished blade.

CHAMPION

Plain Shape.....Supplied in all standard patterns and weights. Painted or bronzed and labeled, with polished blade.

BLACK CHIEF

Plain Shape.....Supplied in all standard patterns and weights. Plain black finish, labeled.

DUQUESNE

Plain Shape.....Supplied in all standard patterns and weights. Painted or bronzed and labeled, with polished blade.

(The following axes are not illustrated)

BLAIR'S VICTOR

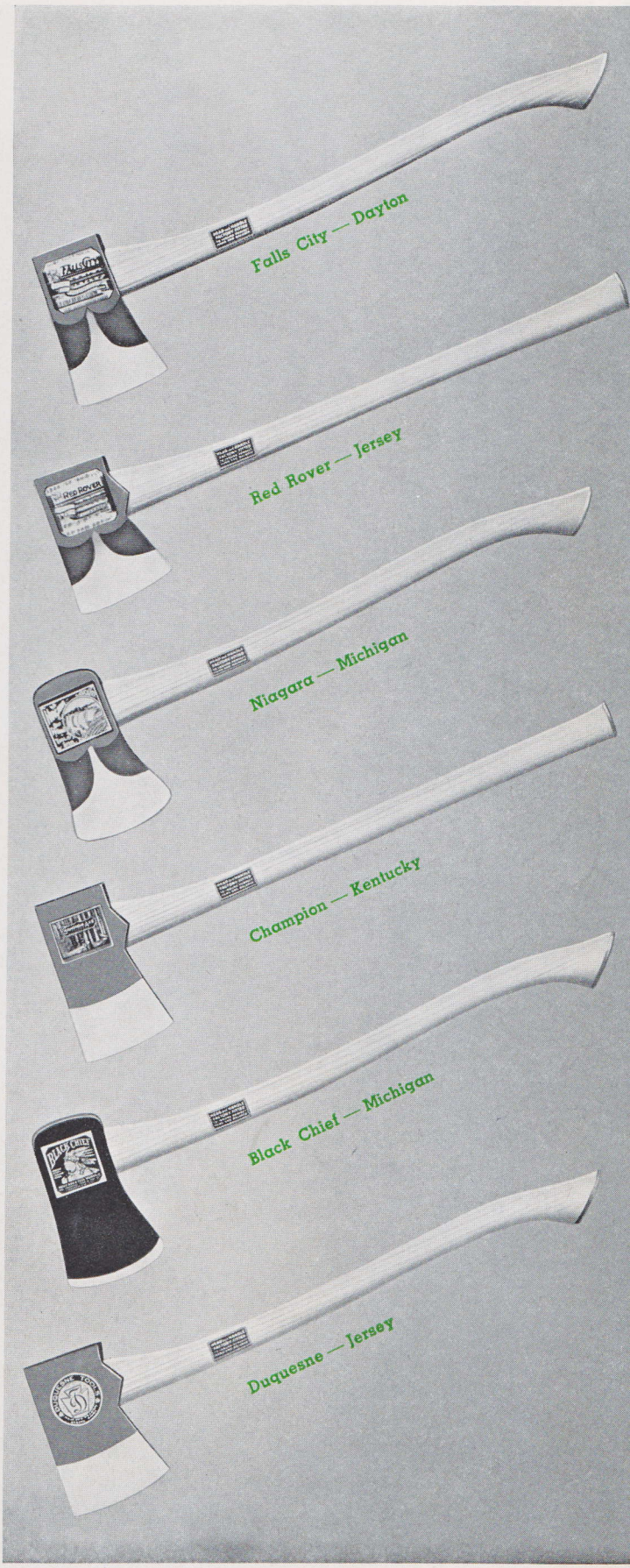
Plain Shape.....Supplied in all standard patterns and weights. Painted or bronzed and labeled, with polished blade.

WOOD SLASHER

Plain Shape.....Supplied in all standard patterns and weights. Painted red and labeled, with polished blade.

These axes are supplied unhandled or with bent or straight handles.

Packed—Handled ½ dozen in a crate. Unhandled one dozen in a box.

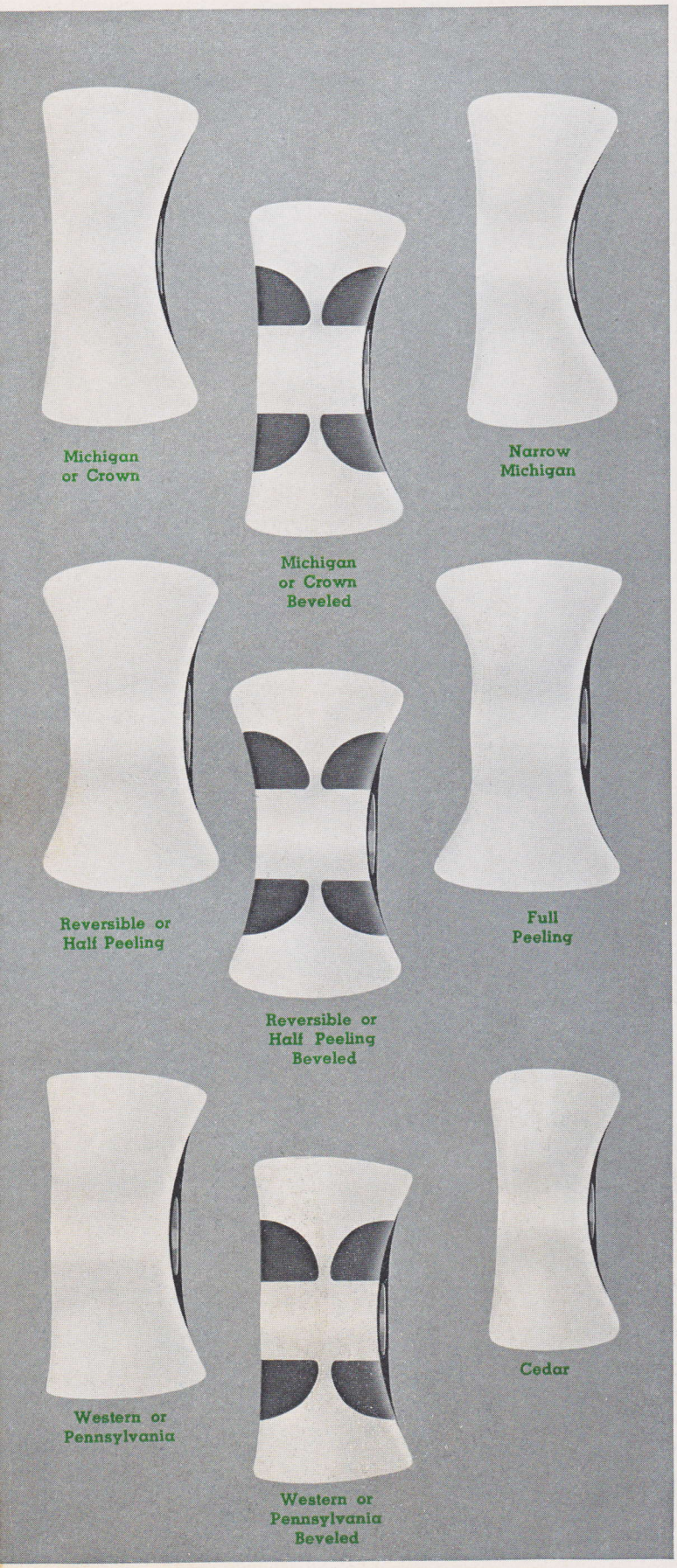


THE MEANING OF INTERMEDIATE GRADE

These axes are good quality tools in every way. They are forged from high grade steel, attractively finished and will give lasting satisfactory service.

Offered at slightly lower prices, they appeal especially to the occasional user who does not care to pay the additional amount for True Temper Tools.

Genuine quality combined with an extensive selection give Kelly Intermediate Grade Axes a definite edge on most competition and the dealer will find this line an excellent business builder.



COMPLETE LIST of AXE PATTERNS and WEIGHTS

TRUE TEMPER KELLY QUALITY

DOUBLE BIT AXES

MICHIGAN OR CROWN

Plain Shape, furnished in First Quality.....2½ lbs. and 3 to 5 lbs.
" " " " Second " ..... " " " " " " "
Beveled " " First " .....2½ lbs. and 3 to 5 lbs.
" " " Second " ..... " " " " " " "
Raised Bit " " First " .....3 to 5 lbs.

NARROW MICHIGAN

Plain Shape, furnished in First Quality.....3 to 4 lbs.
" " " " Second " ..... " " " "

REVERSIBLE OR HALF PEELING

Plain Shape, furnished in First Quality.....3 to 5 lbs.
" " " " Second " ..... " " " "
Beveled " " First " .....3 to 4½ lbs.
" " " Second " ..... " " " "

FULL PEELING

Plain Shape, furnished in First Quality.....3 to 4½ lbs.
" " " " Second " ..... " " " "

WESTERN OR PENNSYLVANIA

Plain Shape, furnished in First Quality.....3 to 6 lbs.
" " " " Second " ..... " " " "
Beveled " " First " .....3 to 6 lbs.
" " " Second " ..... " " " "
Raised Bit " " First " .....3 to 6 lbs.

CEDAR

Plain Shape, furnished in First Quality.....2½ lbs.
Beveled " " First " ..... " "

CRUISERS'

Plain Shape, furnished in First Quality.....2½ lbs.
Beveled " " First " ..... " "

HALF WEDGE

Plain Shape, furnished in First Quality.....3 to 4 lbs.
" " " " Second " ..... " " " "

ADIRONDACK

Plain Shape, furnished in First Quality.....3 to 4 lbs.

WISCONSIN

Plain Shape, furnished in First Quality.....3 to 4½ lbs.
" " " " Second " ..... " " " "

HUMBOLDT OR REDWOOD

Plain Shape, furnished in First Quality.....3½ to 4½ lbs.
" " " " Second " ..... " " " "

FALLING

Plain Shape, furnished in First Quality.....3½ to 5 lbs.
" " " " Second " ..... " " " "

SWAMPING

Plain Shape, furnished in First Quality.....3½ to 5 lbs.
" " " " Second " ..... " " " "

YOUNG

Plain Shape, furnished in First Quality.....3½ to 5 lbs.
" " " " Second " ..... " " " "

AXE PATTERNS AND WEIGHTS (Cont'd)

TRUE TEMPER KELLY QUALITY

DOUBLE BIT AND SINGLE BIT AXES

Standard Axe List—Revised 1937

Patterns Subject to Weights Mentioned on Page 140

3½ LB. GROUP

Base Weights—No Extra

Total Weight Not Over 42 lbs.—No Axe Over 4 lbs.

All 2½, 2¾, 3, 3¼, or 3½ lbs. or Assorted

2½ to 2¾	2¾ to 3	2¾ to 4	3 to 4
2½ " 3	2¾ " 3¼	3 " 3¼	3¼ " 3½
2½ " 3¼	2¾ " 3½	3 " 3½	3¼ " 3¾
2½ " 3½	2¾ " 3¾	3 " 3¾	

4 LB. GROUP

Total Weight Not Over 48 lbs.—No Axe Over 4½ lbs.

All 3¾ or 4 lbs. or Assorted

3 to 4¼	3¼ to 4¼	3½ to 4	3¾ to 4
3 " 4½	3¼ " 4½	3½ " 4¼	3¾ " 4¼
3¼ " 4	3½ " 3¾	3½ " 4½	

4½ LB. GROUP

Total Weight Not Over 54 lbs.—No Axe Over 5 lbs.

All 4¼ or 4½ lbs. or Assorted

3½ to 4¾	3¾ to 4¾	4 to 4½	4¼ to 4½
3½ " 5	3¾ " 5	4 " 4¾	4¼ " 4¾
3¾ " 4½	4 " 4¼	4 " 5	

5 LB. GROUP

Total Weight Not Over 60 lbs.—No Axe Over 6 lbs.

All 4¾ or 5 lbs. or Assorted

4 to 5¼	4¼ to 5	4¼ to 6	4½ to 5½
4 " 5½	4¼ " 5¼	4½ " 4¾	4½ " 5¾
4 " 5¾	4¼ " 5½	4½ " 5	4½ " 6
4 " 6	4¼ " 5¾	4½ " 5¼	4¾ " 5
			4¾ " 5¼

5½ LB. GROUP

Total Weight Not Over 66 lbs.—No Axe Over 6 lbs.

All 5¼ or 5½ lbs. or Assorted

4¾ to 5½	4¾ to 6	5 to 5½	5 to 6
4¾ " 5¾	5 " 5¼	5 " 5¾	5¼ " 5½
			5¼ " 5¾

6 LB. GROUP

Total Weight Not Over 72 lbs.—No Axe Over 6 lbs.

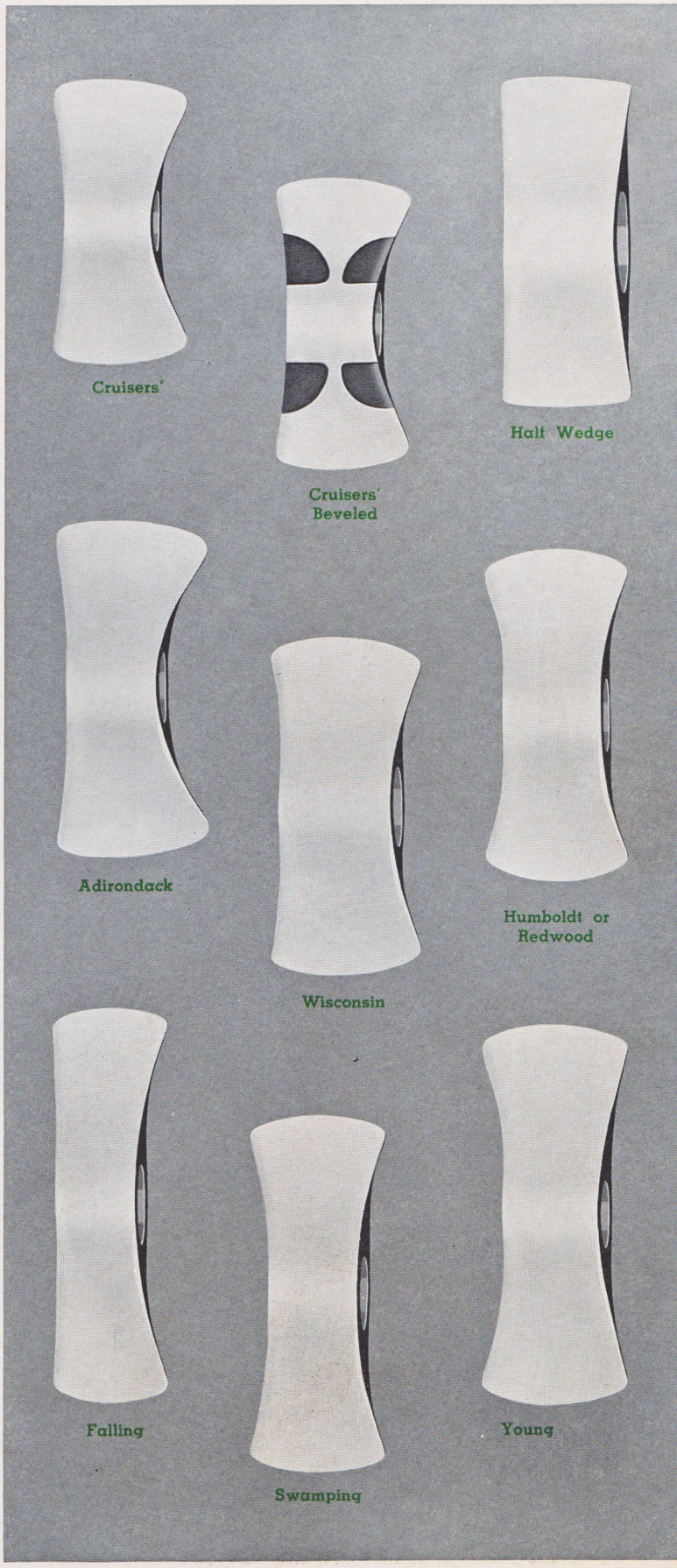
All 5¾ or 6 lbs. or Assorted

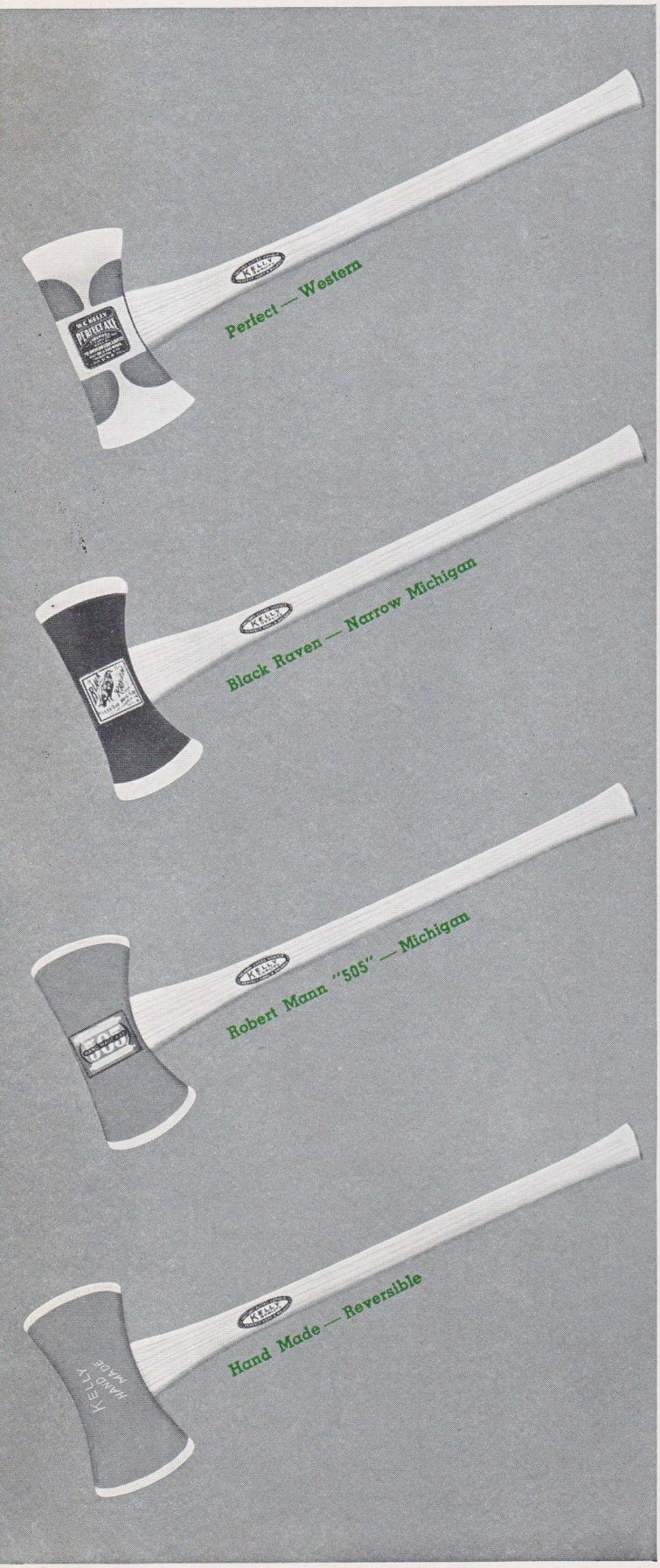
5¼ to 6	5½ to 5¾	5½ to 6	5¾ to 6

8 LB. GROUP

All 8 lbs.

6½ lb. Group, 7 lb. Group and 7½ lb. Group Discontinued





DOUBLE BIT AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

PERFECT

Beveled . . . . . Supplied in Western, Michigan, Reversible, Cruisers' and Cedar Patterns. Full polished and labeled with blue bevels.

BLACK RAVEN

Plain Shape . . . . . Supplied in all standard patterns and weights. Rustless black, deep etched with gold bronze lettering and honed cutting edges.

ROBERT MANN "505"

Plain Shape . . . . . Supplied in all standard patterns and weights. Polished, fire blued and labeled with honed cutting edges.

HAND MADE

Plain Shape . . . . . Supplied in all standard patterns and weights. Fire blued, deep stamped with honed cutting edges.

(The following axe is not illustrated)

REGISTERED

Plain Shape . . . . . Supplied in all standard patterns and weights. Fire blued, deep etched with gold bronze lettering and honed cutting edges. This axe numbered and packed in an individual carton.

These axes are supplied unhandled or handled.

Packed — Handled, ½ dozen in a crate. Unhandled, one dozen in a box.

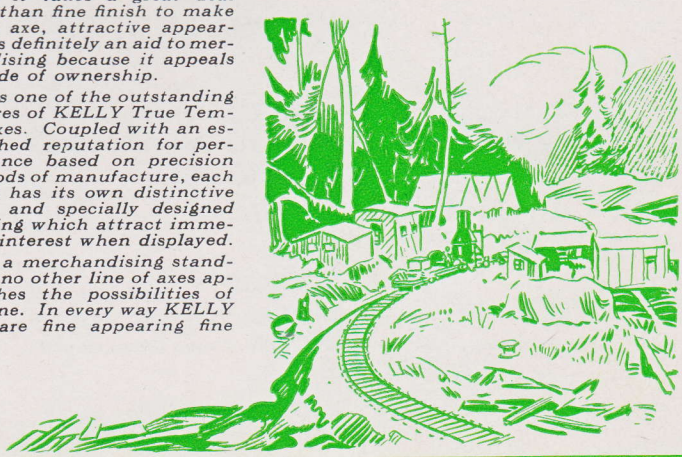
A KELLY True Temper Axe will take an edge so keen that men have actually been satisfactorily shaved with them, yet their capacity to withstand the toughest kind of service is well known. Grinding an axe is important and the same general practice described on Page 137 for single bit axes applies to double bits as well.

APPEARANCE AIDS MERCHANDISING

While it takes a great deal more than fine finish to make a fine axe, attractive appearance is definitely an aid to merchandising because it appeals to pride of ownership.

This is one of the outstanding features of KELLY True Temper Axes. Coupled with an established reputation for performance based on precision methods of manufacture, each brand has its own distinctive finish and specially designed marking which attract immediate interest when displayed.

From a merchandising standpoint no other line of axes approaches the possibilities of this one. In every way KELLY Axes are fine appearing fine tools.



DOUBLE BIT AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

FLINT EDGE

Plain Shape . . . . . Supplied in all standard patterns and weights. Cannon finish, black, labeled, with honed cutting edges.

VULCAN

Plain Shape . . . . . Supplied in all standard patterns and weights. Cannon finish, black, labeled, with honed cutting edges.

PAUL BUNYAN

Plain Shape . . . . . Supplied in all standard patterns and weights. Gunmetal finish, labeled, with honed cutting edges.

KELLY STANDARD

Plain Shape . . . . . Supplied in all standard patterns and weights. Painted red with silver bronze border, labeled, with polished blades.

(The following axe is not illustrated)

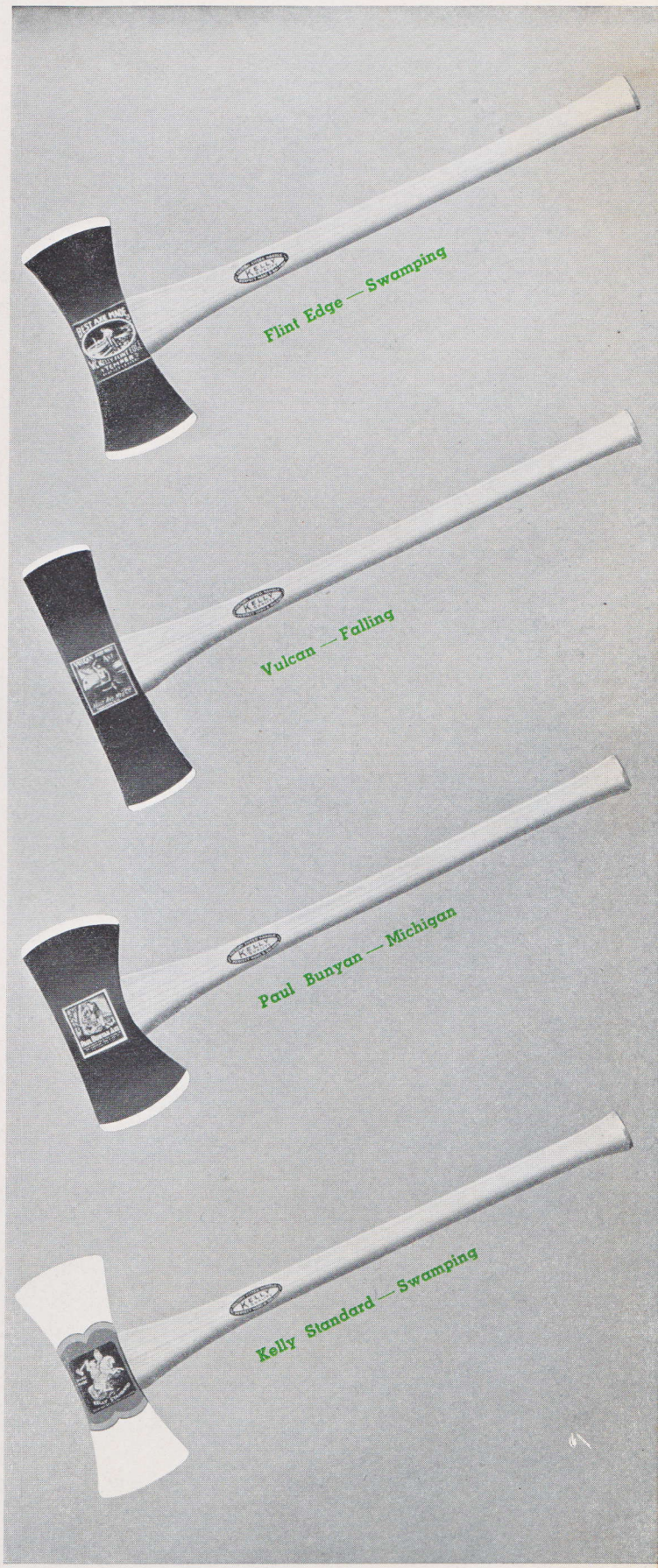
ROBT. MANN

Plain Shape . . . . . Supplied in all standard patterns and weights. Gold bronzed and labeled, with polished blades.

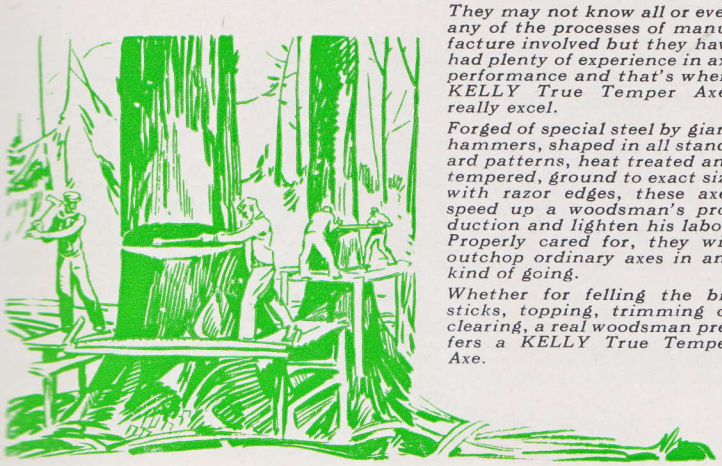
These axes are supplied unhandled or handled.

Packed—Handled, ½ dozen in a crate. Unhandled, one dozen in a box.

Because KELLY factory handled axes are better balanced, more efficient and easier to work with, they are capable of greater production with less effort on the part of the user.



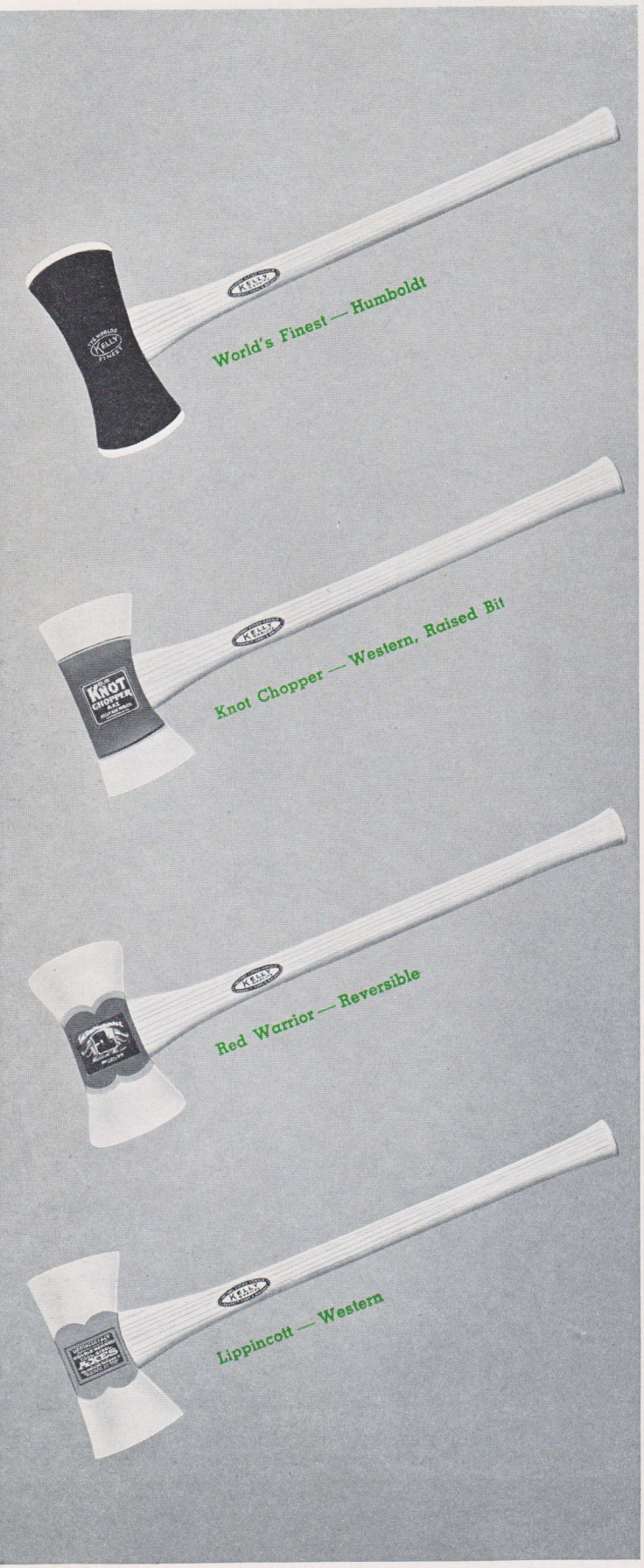
TIMBERMEN PRIZE THEIR KELLY AXES



They may not know all or even any of the processes of manufacture involved but they have had plenty of experience in axe performance and that's where KELLY True Temper Axes really excel.

Forged of special steel by giant hammers, shaped in all standard patterns, heat treated and tempered, ground to exact size with razor edges, these axes speed up a woodsman's production and lighten his labor. Properly cared for, they will outchop ordinary axes in any kind of going.

Whether for felling the big sticks, topping, trimming or clearing, a real woodsman prefers a KELLY True Temper Axe.



DOUBLE BIT AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

KELLY WORLD'S FINEST

Plain Shape . . . . . Supplied in all standard patterns and weights. Smooth black finish, deep stamped, with honed cutting edges.

Plain Shape . . . . . Supplied in all standard patterns and weights. Painted red, deep stamped, with polished blades.

KNOT CHOPPER AND CHIPPEWA CHIEF BRANDS

Raised Bit . . . . . Supplied in Western and Michigan Patterns only. Painted black or red and labeled, with polished bits. Also supplied under Cracker Jack and Choppers' Support Brands.

SILVER EAGLE AND CHIP SLINGER BRANDS

(Not illustrated)

Raised Bit . . . . . Supplied in Western and Michigan Patterns only. Ebonized body, labeled, with polished blades.

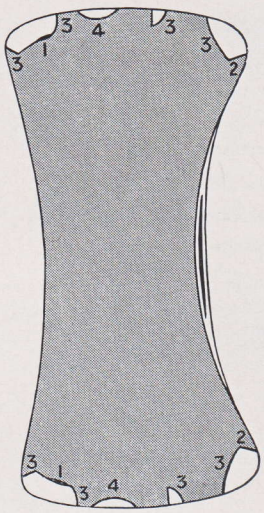
RED WARRIOR

Plain Shape . . . . . Supplied in all standard patterns and weights. Painted red with gold bronze border, labeled, with polished blades.

LIPPINCOTT

Plain Shape . . . . . Supplied in all standard patterns and weights. Bronzed and labeled, with polished blades.

Beveled . . . . . Supplied in Western, Michigan, Reversible Patterns. Full polished with blue bevels, labeled or surface etched.



These axes are supplied unhandled or handled.

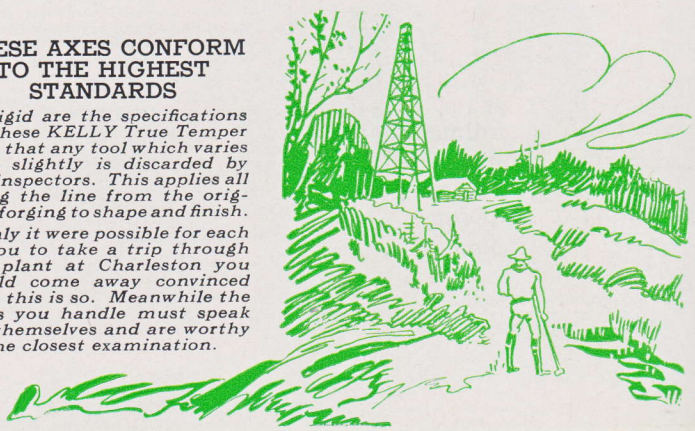
Packed —Handled, ½ dozen in a crate. Unhandled, one dozen in a box.

Axes are not warranted against injury by abuse or improper grinding. These points are discussed in detail on pages 136 and 137. It is advisable for the distributor to familiarize himself with them and with the difference between breaks caused by flaws and those that occur through misuse and abuse. 1, 2 and 3 of the accompanying figures are typical breaks that may result from such flaws as temper cracks or burns and a soft axe will bend at the edge. The breaks shown at 4 are sound breaks caused by abuse and are not the fault of the axe.

THESE AXES CONFORM TO THE HIGHEST STANDARDS

So rigid are the specifications for these KELLY True Temper Axes that any tool which varies even slightly is discarded by the inspectors. This applies all along the line from the original forging to shape and finish.

If only it were possible for each of you to take a trip through the plant at Charleston you would come away convinced that this is so. Meanwhile the tools you handle must speak for themselves and are worthy of the closest examination.



DOUBLE BIT AXES

Intermediate Grade

FALLS CITY

Beveled.....Supplied in Western, Michigan and Reversible Patterns only. Painted red and labeled, with blue bevels and polished blades.

RED ROVER

Beveled.....Supplied in Western, Michigan and Reversible Patterns only. Painted red and labeled, with green bevels and polished blades.

CHAMPION

Plain Shape.....Supplied in all standard patterns and weights. Painted or bronzed and labeled, with polished blades.

BLACK CHIEF

Plain Shape.....Supplied in all standard patterns and weights. Plain black finish, labeled.

(The following axes are not illustrated)

NIAGARA

Beveled.....Supplied in Western, Michigan and Reversible Patterns only. Painted red and labeled, with blue bevels and polished blades.

DUQUESNE

Plain Shape.....Supplied in all standard patterns and weights. Painted or bronzed and labeled, with polished blades.

BLAIR'S VICTOR

Plain Shape.....Supplied in all standard patterns and weights. Painted or bronzed and labeled, with polished blades.

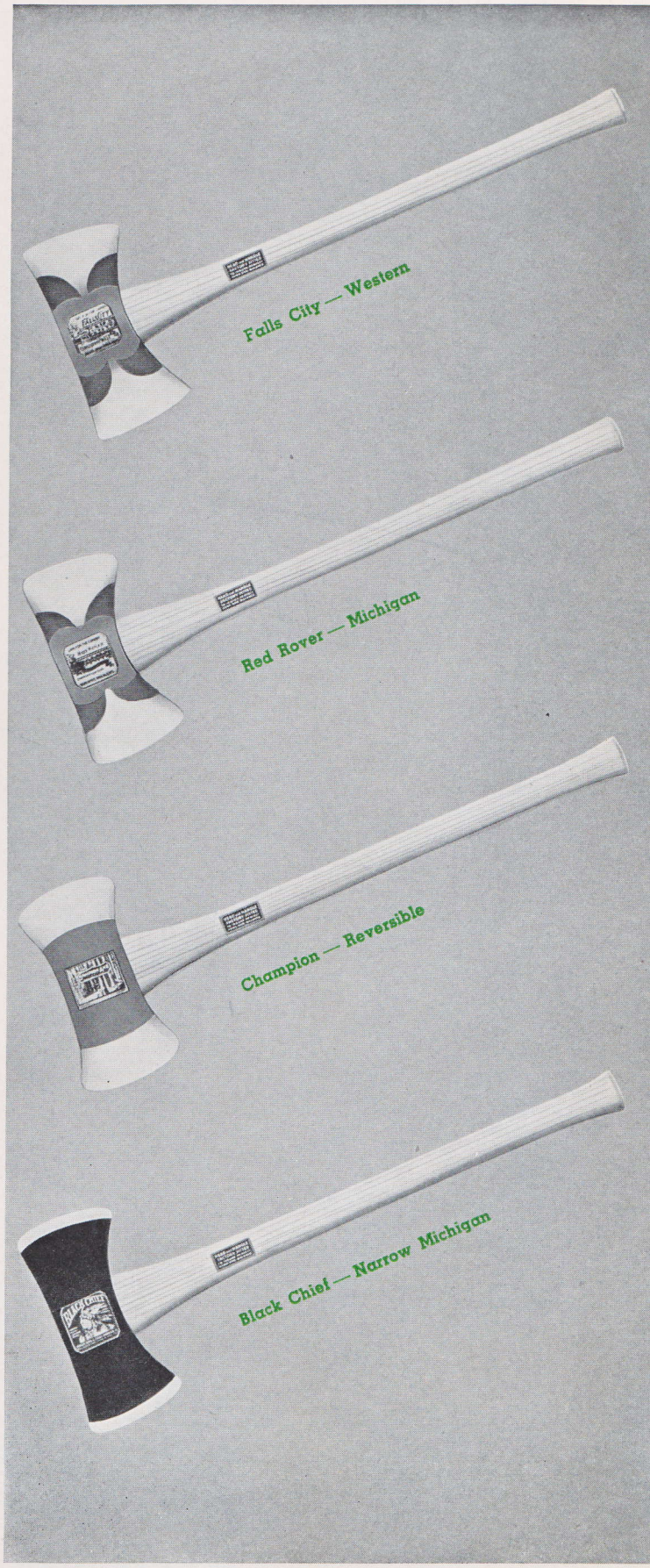
WOOD SLASHER

Plain Shape.....Supplied in all standard patterns and weights. Painted red and labeled, with polished blades.

These axes are supplied unhandled or handled.

Packed—Handled, ½ dozen in a crate. Unhandled, 1 dozen in a box.

These are good quality axes in every respect, second only to the Kelly True Temper line and superior in material, design and performance to the best axes in many competing lines. A good axe deserves good care. Abuse will ruin it. This shows what happened when a double bit axe was used as a maul; not the fault of the tool in any way.

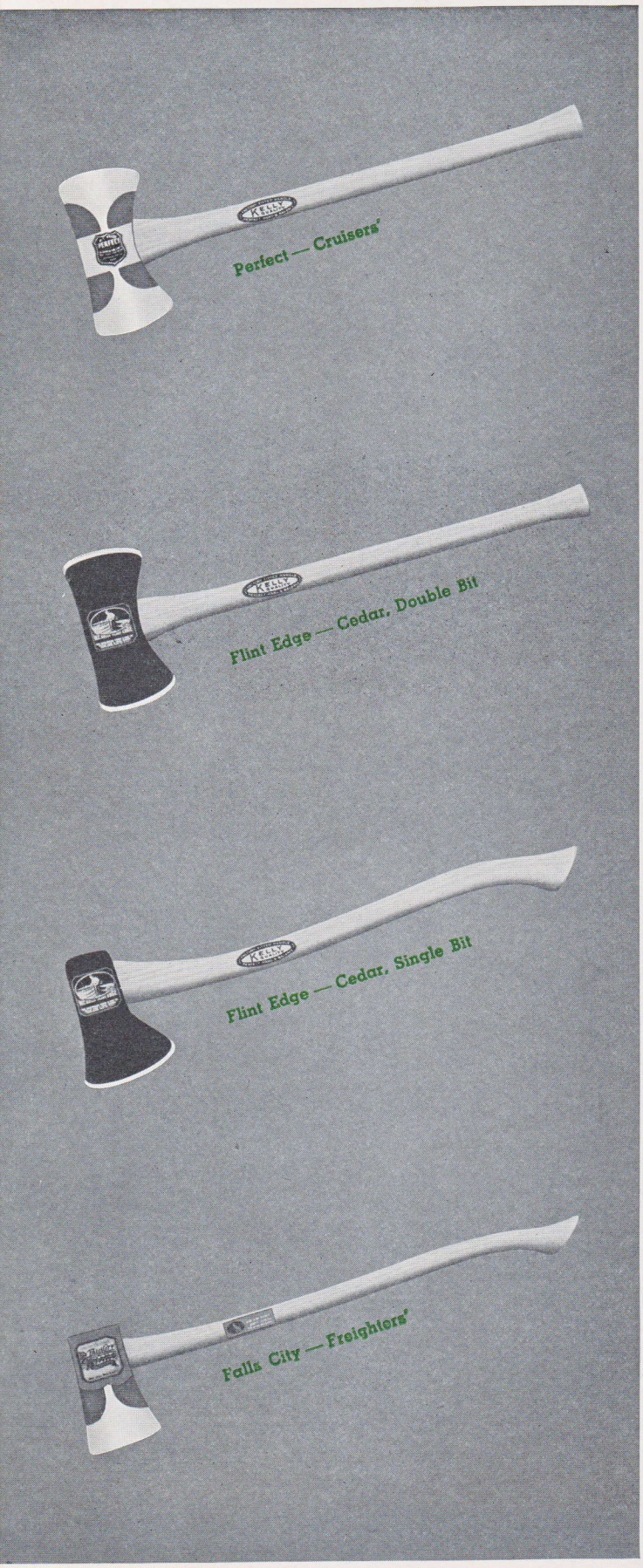


GOOD BUSINESS BUILDERS

KELLY Intermediate Grade Axes compare favorably with the leading grades offered by many manufacturers. Forged from special steel; heat treated and finely tempered; rigidly tested and inspected; attractively finished; they are representative products of KELLY manufacturing standards.

This is an excellent line of axes which meet the requirements of many occasional users. Available in all standard patterns and weights as well as in a variety of brands and finishes, they offer the merchandising advantage of wide selection.

In going after axe business where good quality and price are both factors of consideration, the Intermediate Grade is often the means of closing the deal.



SPECIAL AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

CRUISERS' DOUBLE BIT AXES

Weight 2½ lbs.—28 inch No. 1 Handle

PERFECT

Beveled.....Full polished and labeled with blue bevels.

(The following axes are not illustrated)

FLINT EDGE

Plain Shape.....Cannon finish, black, labeled, with honed cutting edges.

BLACK RAVEN

Plain Shape.....Rustless black, deep etched, with honed cutting edges.

KELLY STANDARD

Plain Shape.....Painted red with silver bronze border and labeled, with polished bits.

Packed ½ doz. in a crate.

CEDAR SINGLE BIT AND DOUBLE BIT AXES

Single Bit—Weight 2½ and 3 lbs.—30 inch No. 1 Handle
Double Bit—Weight 2½ lbs.—28 or 30 inch No. 1 Handle

FLINT EDGE

Plain Shape.....Cannon finish, black and labeled, with honed cutting edge.

(The following axes are not illustrated)

BLACK RAVEN

Plain Shape.....Rustless black, deep etched, with honed cutting edge.

STANDARD

Plain Shape.....Painted red and labeled with polished blade.

PERFECT

(Furnished in double bit only)

Beveled.....Full polished and labeled, with blue bevels.

Packed ½ doz. in a crate

FREIGHTERS' HANDLED AXES

Weight 2¾ lbs.—30 or 32 inch Handles

FALLS CITY

Beveled.....Painted red and labeled with blue bevels and polished blade.

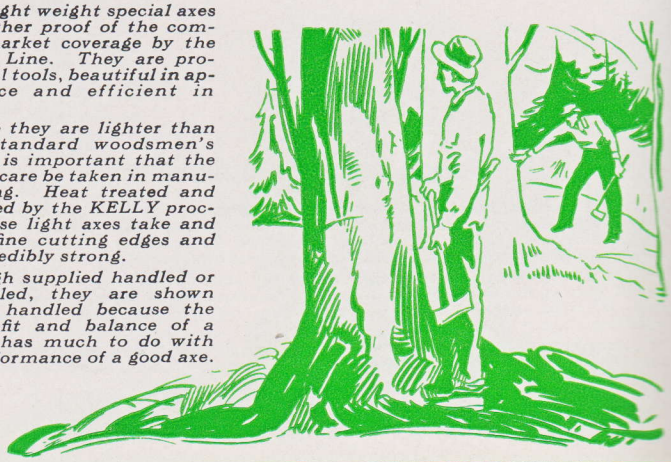
Freighters' Axes also furnished in all brands and finishes as illustrated on page 148.
Packed ½ doz. in a crate.

ANOTHER EXAMPLE OF KELLY MANUFACTURING SKILL

These light weight special axes are further proof of the complete market coverage by the KELLY Line. They are professional tools, beautiful in appearance and efficient in service.

Because they are lighter than most standard woodsmen's axes, it is important that the utmost care be taken in manufacturing. Heat treated and tempered by the KELLY process, these light axes take and retain fine cutting edges and are incredibly strong.

Although supplied handled or unhandled, they are shown factory handled because the proper fit and balance of a handle has much to do with the performance of a good axe.



SPECIAL AXES
Forged High Grade Steel

MINERS' HANDLED AXES

20, 22, or 26 inch Straight No. 3 Hickory Handles
All 3, or 3½ lbs. or Assorted 3¼ to 3¾ or 3 to 4 lbs.

These axes can be supplied with No. 2 Hickory Handles or in heavier weights at extra cost as per revised Standard Axe List.

CHAMPION
Plain Shape . . . . Painted or bronzed and labeled, with polished blades.

JIM DANDY
Plain Shape . . . . Black forge finish, labeled.

Duquesne and Blairs Victor Miners' Handled Axes have the same finish as Champion.
Invincible, Usona and Demon Brands are same finish as Jim Dandy.
Miners' Handled Axes are usually supplied in Dayton Pattern as illustrated.
Packed ½ doz. in a crate.

FIREMEN'S PICK-HEAD HANDLED AXES

Weights 3½, 4, 4½, 5, 6, or 8 lbs.—36 in. Bent Handle

KELLY STANDARD
Painted red and labeled with red painted handles.

UNDERHILL
Painted red and labeled with red painted handles.

These axes can be supplied with straight handles if desired. Also supplied in shorter length handles, but 36 inch bent handles will be furnished unless otherwise specified.
Packed — ½ dozen in a crate.

PULASKI TOOLS
Mattock-Axe
Weight 3¾ lbs.—36 in. Straight Hickory Handle

WORLD'S FINEST
Painted red and stamped with polished blades.

Blade and Hoe forged high grade steel carefully tempered. Designed as a forest-fighting tool, it has been found convenient and useful for chopping, turf cutting, trenching and for general reforestration work.

Packed ½ doz. in a crate.

RAFTING OR MAULING AXES

Weight 4, 4½, and 5 lbs.—Unhandled

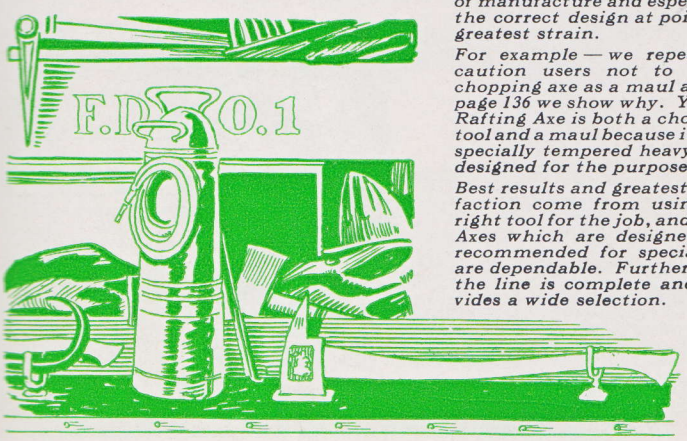
FLINT EDGE
Cannon finish black, labeled, with honed cutting edge.

Can be supplied handled if desired.
Packed 1 doz. in a box.

APPLICATION DETERMINES DESIGN

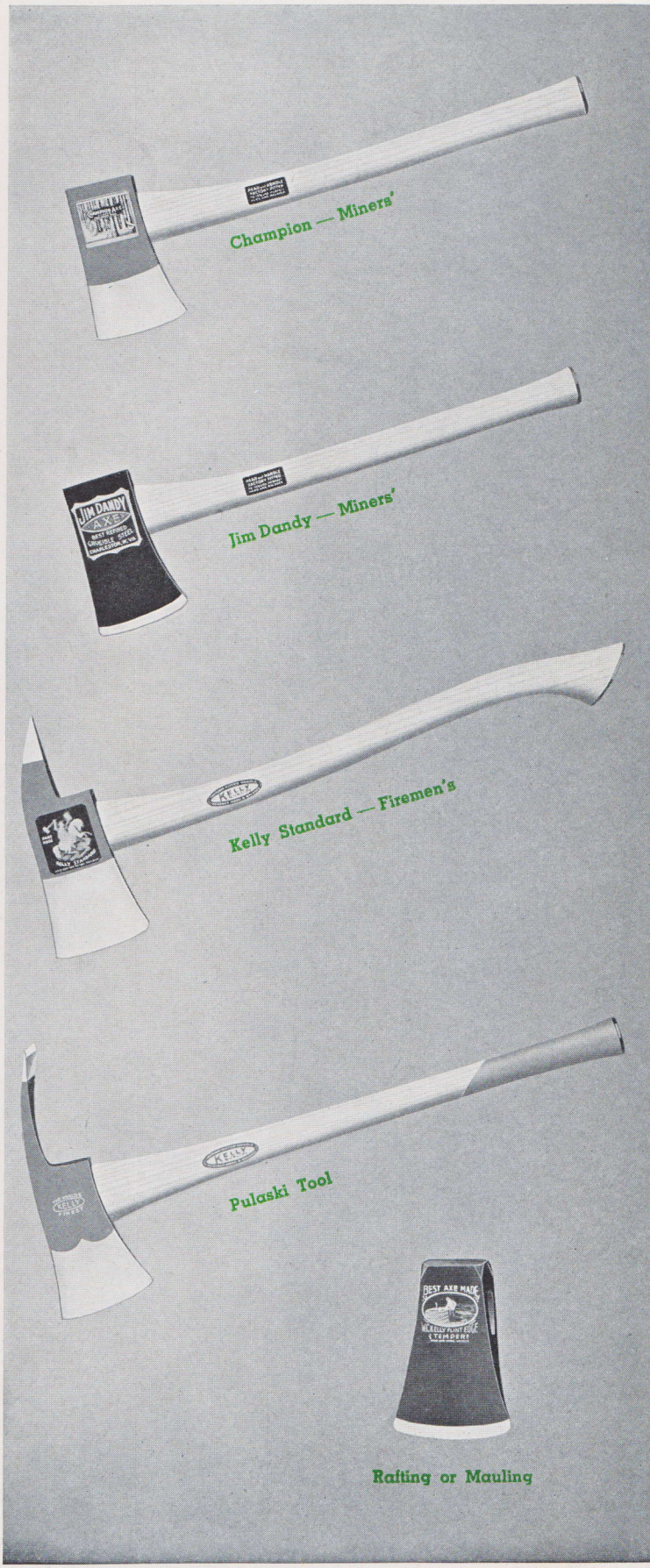
From years of experience in every field where some sort of an axe is used, has come the knowledge of how each axe should be shaped to do its job best.

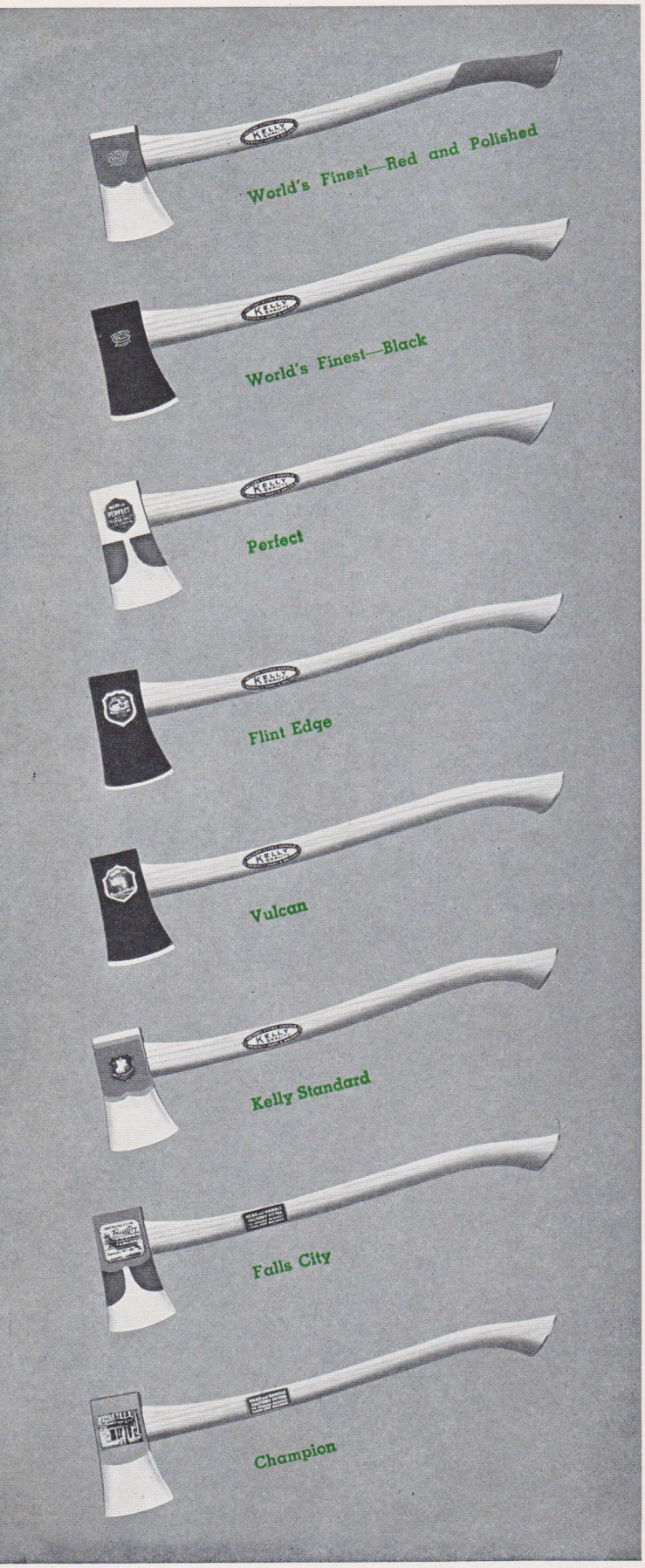
Proper design, incidentally, involves a great deal more than the apparent shape of an axe. It must take into consideration the kind of steel, the method of manufacture and especially, the correct design at points of greatest strain.



For example — we repeatedly caution users not to use a chopping axe as a maul and on page 136 we show why. Yet the Rafting Axe is both a chopping tool and a maul because it has a specially tempered heavy head designed for the purpose.

Best results and greatest satisfaction come from using the right tool for the job, and Kelly Axes which are designed and recommended for special use are dependable. Furthermore, the line is complete and provides a wide selection.





BOYS' HANDLED AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

Made in Four Sizes

No. 0—Weight	1¾	lbs.,	24	inch	Handle
No. 1— "	2	"	26	"	"
No. 2— "	2¼	"	28	"	"
No. 3— "	2¾	"	28	"	"

No. 1 Grade Handles

WORLD'S FINEST

Plain Shape . . . . . Painted red, deep stamped, with polished blade and poll.
" " . . . . . Black finish, deep stamped, with honed cutting edge.

PERFECT

Beveled . . . . . Full polished and labeled, with blue bevels. Supplied in No. 2 and No. 3 sizes only.

FLINT EDGE

Plain Shape . . . . . Cannon finish black, labeled, with honed cutting edge.

VULCAN

Plain Shape . . . . . Cannon finish, black, labeled, with honed cutting edge.

KELLY STANDARD

Plain Shape . . . . . Red with silver bronze border, labeled, polished blade.

Intermediate Grade

No. 2 Grade Handles

FALLS CITY

Beveled . . . . . Painted red and labeled, with blue bevels and polished blade. Supplied in No. 2 and No. 3 sizes only.

CHAMPION

Plain Shape . . . . . Painted or bronzed and labeled, with polished blade.

(The following axes are not illustrated)

RED ROVER

Beveled . . . . . Painted red and labeled, with green bevels and polished blade. Supplied in No. 2 and No. 3 sizes only.

JIM DANDY AND HAND MADE BRANDS

Plain Shape . . . . . Black forge finish and labeled, with raced bits, and stained hickory handles.

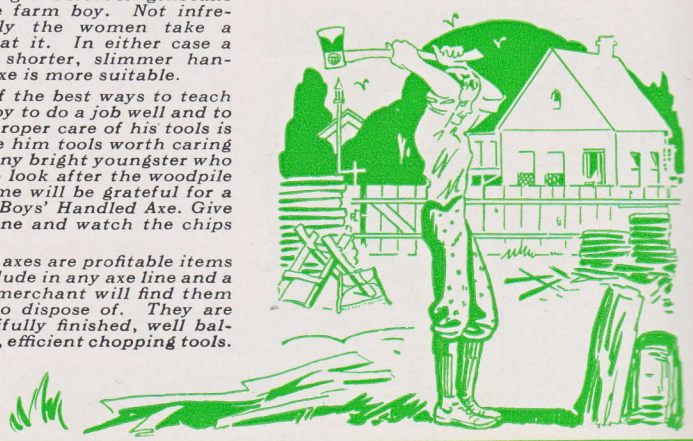
Packed ½ doz. in a crate.

SUPPLYING A SUBSTANTIAL MARKET

Usually the task of chopping kindling and stove lengths falls to the farm boy. Not infrequently the women take a hand at it. In either case a light, shorter, slimmer handled axe is more suitable.

One of the best ways to teach any boy to do a job well and to take proper care of his tools is to give him tools worth caring for. Any bright youngster who has to look after the woodpile at home will be grateful for a Kelly Boys' Handled Axe. Give him one and watch the chips fly.

These axes are profitable items to include in any axe line and a good merchant will find them easy to dispose of. They are beautifully finished, well balanced, efficient chopping tools.



HOUSE AXES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

Weight 2¼ lbs., 19 inch Handle
" 2¾ " 19 " "

No. 1 Grade Handles

WORLD'S FINEST

Plain Shape.....Painted red, deep stamped, with polished blade and poll.
" " .....Black finish, deep stamped, with honed cutting edge.

PERFECT

Beveled.....Full polished and labeled, with blue bevels.

FLINT EDGE AND VULCAN BRANDS

Plain Shape.....Cannon finish black, labeled, with honed cutting edge.

KELLY STANDARD

Plain Shape.....Painted red with silver bronze border and labeled, with polished blade and poll.

Intermediate Grade

No. 2 Grade Handles

FALLS CITY

Beveled.....Painted red and labeled, with blue bevels and polished blade.

CHAMPION

Plain Shape.....Painted or bronzed and labeled, with polished blade.

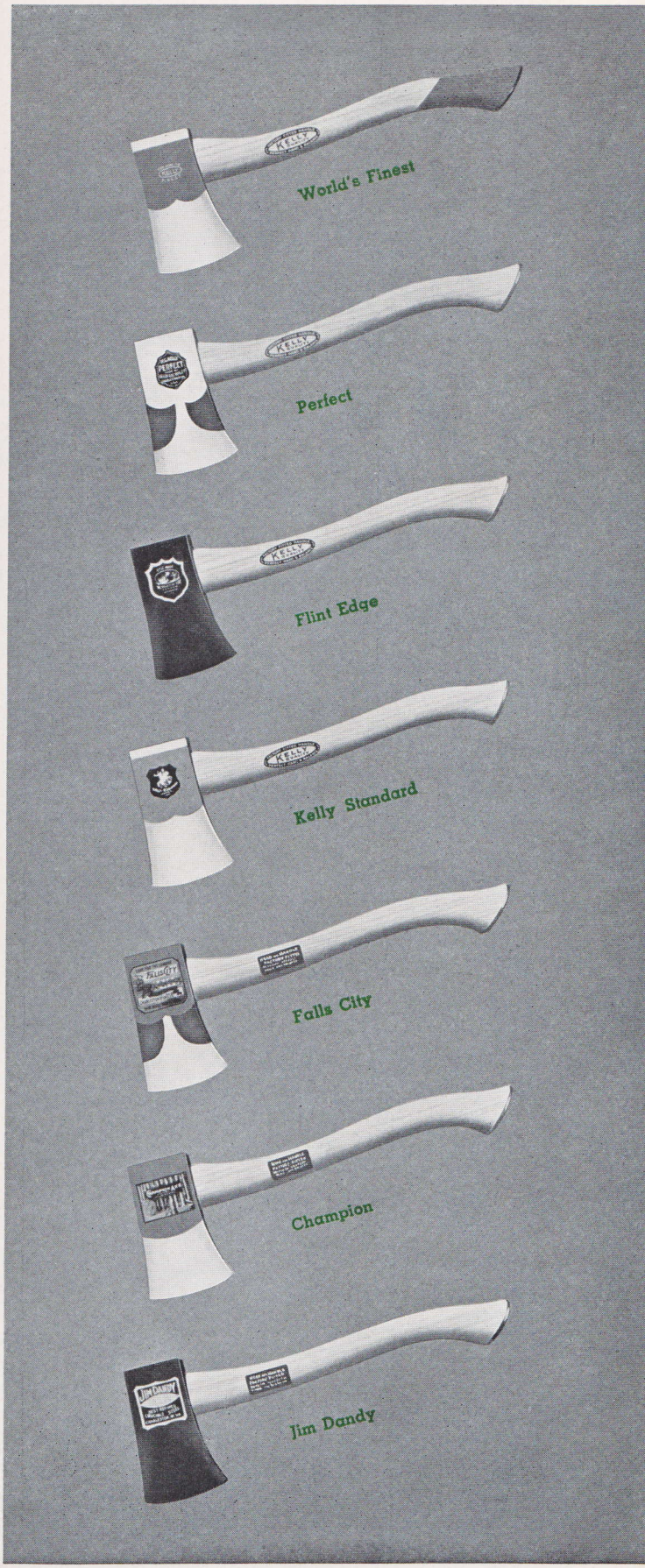
JIM DANDY AND HAND MADE BRANDS

Plain Shape.....Forge finish, labeled, with raced bit and stained handle.

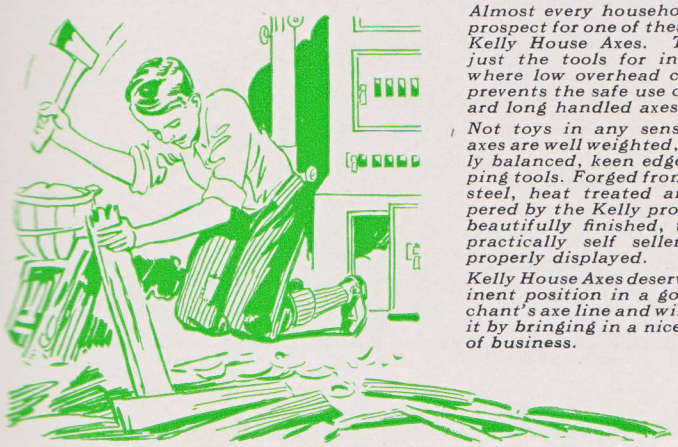
(The following axe is not illustrated)

RED ROVER

Beveled.....Painted red and labeled with polished blade.
Packed ½ dozen in a carton, 2 dozen in a case.



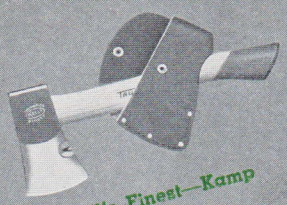
ANOTHER REAL MERCHANDISING ITEM

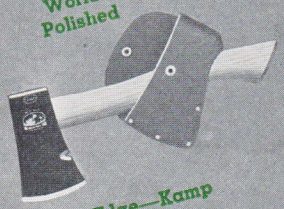


Almost every householder is a prospect for one of these handy Kelly House Axes. They are just the tools for inside use where low overhead clearance prevents the safe use of standard long handled axes.

Not toys in any sense, these axes are well weighted, perfectly balanced, keen edged chopping tools. Forged from special steel, heat treated and tempered by the Kelly process and beautifully finished, they are practically self sellers when properly displayed.

Kelly House Axes deserve prominent position in a good merchant's axe line and will justify it by bringing in a nice volume of business.


World's Finest—Kamp Polished

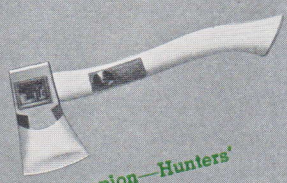

Flint Edge—Kamp Black

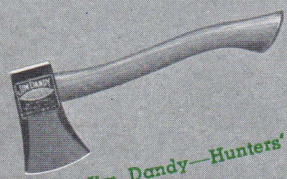
World's Finest—Hunters' Black

Flint Edge—Hunters'

Perfect—Hunters'

Kelly Standard—Hunters'


Champion—Hunters'


Jim Dandy—Hunters'

"KAMP" AXES, HUNTERS' AND SPORTSMEN'S AXES AND AXE PATTERN HATCHETS

For Campers, Hunters, Scouts and Motorists

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

"KAMP" AXES

Supplied with and without sheaths.

No. 0 Size Only, 1¼ lb. Axe, 14 inch High Grade Hickory Handle

WORLD'S FINEST

Plain Shape.....With beveled nail slot—Red, orange or green finish, deep stamped with polished blade. Handle tipped in color to correspond to blade. Assorted, 4 of each color in a dozen.

" " .....With beveled nail slot—Smooth black finish, deep stamped, honed cutting edge.

FLINT EDGE

Plain Shape.....With beveled nail slot—Rustless black, labeled, with honed cutting edge.

HUNTERS' AND SPORTSMEN'S AXES AND AXE PATTERN HATCHETS

Made in Four Sizes

No. 0	Weight	1¼	lbs.	14 inch	Handle
No. 1	"	1½	"	16 "	"
No. 2	"	1¾	"	18 "	"
No. 3	"	2	"	19 "	"

No. 1 Grade Handles

WORLD'S FINEST

Plain Shape.....Red, orange or green finish, deep stamped with polished blade. Handle tipped in color to correspond to blade. Assorted, 4 of each color in a dozen.

" " .....Smooth black finish, deep stamped, with honed cutting edge.

FLINT EDGE AND VULCAN BRANDS

Plain Shape.....Rustless black finish, labeled, with honed cutting edge.

PERFECT No. 0 Size Only

Beveled.....Full polished and labeled, with blue bevels. Fawn-foot walnut stained handle.

KELLY STANDARD

Plain Shape.....Bronzed or painted and labeled, with polished blade.

Intermediate Grade

No. 2 Grade Handles

CHAMPION

Plain Shape.....Painted or bronzed and labeled, with polished blade.

JIM DANDY AND HAND MADE BRANDS

Plain Shape.....Forge finish, black, labeled, stained hickory handle.

(The following axes are not illustrated)

FALLS CITY No. 0 Size Only

Beveled.....Painted red and labeled, with blue bevels and polished blade.

TROOPER No. 0 Size Only

Plain Shape.....Ebony finish, labeled, stained hickory handle.

Hunters' and Sportsmen's Axes supplied with Fawn-foot or plain end handles.
Axe pattern hatchets in all above brands have straight handles.
Leather sheaths supplied for No. 0 size axes at extra cost.
These axes are packed ½ dozen in a carton or 2 dozen in a case.

ENJOY THE ADVANTAGE OF ESTABLISHED REPUTATION

Any merchant who carries camping equipment and sporting goods will be quick to realize that these axes and axe pattern hatchets belong in his line.

Favorites of motorists, campers and sportsmen, they are attractive, fine tools, readily merchandised, and long established leaders in this field where their reputation for performance is well known.

BROAD AXES

Forged High Grade Steel

Furnished in Pennsylvania, Canada and Kelly Patterns.

FLINT EDGE

Cannon Finish, Beveled Edge, Polished and Honed.

VULCAN

Cannon Finish, Beveled Edge, Polished and Honed.

STANDARD

Painted Red with Silver Bronzed Border and Polished Blade.

(The following axes are not illustrated)

BLOODS

Cannon Finish, Beveled Edge, Polished and Honed.

RED WARRIOR

Painted Red with Gold Bronzed Border and Polished Blade and Head.

PEERLESS

Gold Bronze Finish, Polished Blade and Head.

NOTE: Broad Axes are made in weights 6 to 7½ lbs. as follows: 6, 6½, 7 and 7½ lbs. Packed one half-dozen in a box, assorted or solid weights.

ADZES

Patterns and Sizes

Carpenter—Full Head 3½, 4 and 4½ in.; Half Head 3½, 4 and 4½ in.
Ship Carpenter—Plain, 4 and 4½ in. cut; Lipped, 4½ and 5 in. cut.
Railroad—Full Head 4, 4½ and 5 in. cut.

Brands and Finishes

FLINT EDGE

Furnished in All Patterns, Gun Metal Finish with Polished Head and Cutting Edge.

VULCAN

Furnished in All Patterns, Gun Metal Finish with Polished Head and Cutting Edge.

BLOODS

Furnished in All Patterns, Gun Metal Finish with Polished Head and Cutting Edge.

STANDARD

Furnished in All Patterns, Gold Bronzed or Painted with Polished Head and Blade.

HUNTS

Furnished in All Patterns, Gold Bronzed with Polished Head and Blade.

SPECIAL RAILROAD TRACK ADZES

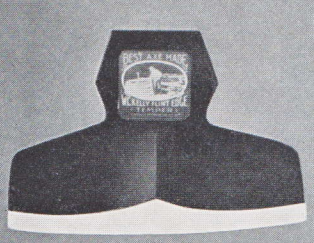
HAND MADE AND USONA BRANDS

Railroad Track Adze (full or half head), Black Forge Finish, Labeled with Polished Cutting Edge.

CHAMPION

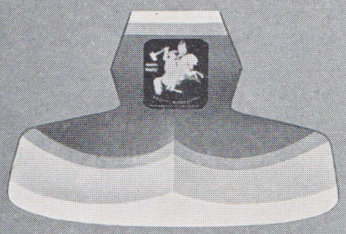
Railroad Track Adze (full head), Alloy Steel with Black Forge Finish, Labeled with Polished Cutting Edge.

Packed 1 doz. in a box.



Flint Edge — Canada

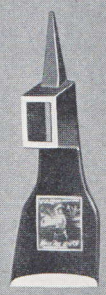
Vulcan — Pennsylvania



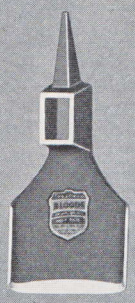
Standard — Kelly

Flint Edge
Full Head Carpenter's

Standard
Half Head Carpenter's

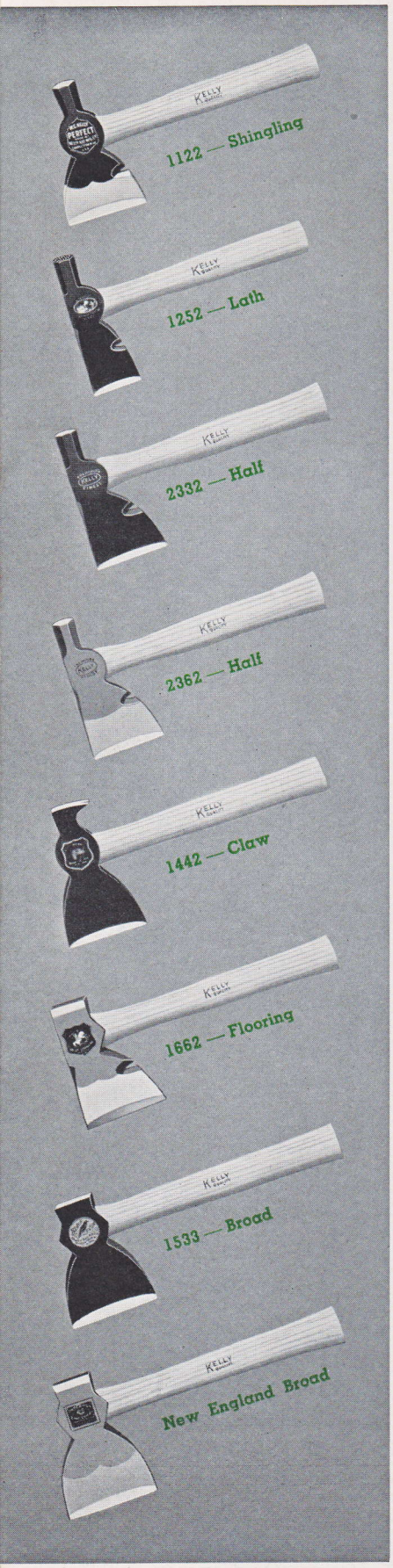


Vulcan
Plain Ship



Bloods
Lipped Ship

Full Head Railroad
Track Adze



HATCHETS

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

Extra Quality Hickory Handles

PATTERNS AND SIZES

Shingling

Size	Cut	Handle
1	3½ in.	13 in.
2	4 "	14 "

Claw

Size	Cut	Handle
1	3½ in.	13 in.
2	4 "	14 "

Lath

Size	Cut	Handle
1	2¼ in.	12 in.
2	2½ "	13 "

Broad-Single Bevel

Size	Cut	Handle
1	4 in.	14 in.
2	4½ "	15 "
3	5 "	15 "
4	5½ "	16 "

Half

Size	Cut	Handle
1	3¼ in.	13 in.
2	3⅝ "	14 "
3	4 "	15 "

Flooring

Size	Cut	Handle
1	4 in.	14 in.
2	4¼ "	15 "

New England Double Bevel Broad

Size	Cut	Handle	Size	Cut	Handle	Size	Cut	Handle	Size	Cut	Handle
1	4¼ in.	14 in.	2	4¾ in.	15 in.	3	5¼ in.	15 in.	4	5¾ in.	16 in.

Certain outstanding features give distinct merchandising advantages to all Kelly Hatchets. Proper head, blade and eye construction provide strength and correct balance for the tool.

Kelly Hatchets have three especially important features, chamfered heads which resist chipping and do not mar the surface of the wood; thin, keen edged blades which taper just enough to prevent binding and beveled nail slots which will really get under nail heads.

BRANDS AND FINISHES

Pattern	Size No.	Perfect — *Blue lacquer, labeled with polished blade.* Cat. No.	Flint Edge — *Rustless black, labeled with polished head and honed edge.* Cat. No.	World's Finest — *Rustless black, stamped with polished head and honed edge.* Cat. No.	World's Finest — *Polished, bronzed and stamped.* Cat. No.
Shingling	1	1121	1151	2131	2161
"	2	1122	1152	2132	2162
Lath	1	1221	1251	2231	2261
"	2	1222	1252	2232	2262
Half	1	1321	1351	2331	2361
"	2	1322	1352	2332	2362
"	3	1323	1353	2333	2363
Claw	1	1421	1451	2431	2461
"	2	1422	1452	2432	2462
Flooring	1	1621	1651	2631	2661
"	2	1622	1652	2632	2662
Broad, Sgle. Bevel	1	1521	1551	2531	2561
"	2	1522	1552	2532	2562
"	3	1523	1553	2533	2563
"	4	1524	1554	2534	2564

Perfect Hatchets can be furnished in Columbian Brand with Crimson Lacquer.

Pattern	Size	Vulcan — *Rustless black, labeled, with polished head and honed edge.* Cat. No.	Standard — *Gold bronzed, labeled, with polished blade.* Cat. No.	Black Raven — *Rustless black, Deep etched with gold letters. Polished head and honed edge.* Cat. No.	Underhill — *Gold bronzed, labeled, with polished blade.* Cat. No.
Shingling	1	1141	1161	1131	1161U
"	2	1142	1162	1132	1162U
Lath	1	1241	1261	1231	1261U
"	2	1242	1262	1232	1262U
Half	1	1341	1361	1331	1361U
"	2	1342	1362	1332	1362U
"	3	1343	1363	1333	1363U
Claw	1	1441	1461	1431	1461U
"	2	1442	1462	1432	1462U
Flooring	1	1641	1661	1631	1661U
"	2	1642	1662	1632	1662U
Broad, Sgle. Bevel	1	1541	1561	1531	1561U
"	2	1542	1562	1532	1562U
"	3	1543	1563	1533	1563U
"	4	1544	1564	1534	1564U

Vulcan Hatchets can be furnished in Hurd and Americanax Brands.
Underhill Hatchets can be furnished in Hunt Brand, Painted or Bronzed.
Single Bevel Broad Hatchets furnished regularly.
New England Double Bevel Broad Hatchets furnished when specified.
These hatchets are packed ⅓ dozen in a carton—2 dozen in a case. (Sizes 1 and 2 in display carton.)

HATCHETS

Forged High Grade Steel

Intermediate Grade

No. 1 Hickory Handles

PATTERNS AND SIZES

The Patterns and Sizes for the Intermediate Hatchets are the same as those shown under Kelly Quality Hatchets except that the Intermediates are not made in quite as wide a range under each brand.

BRANDS AND FINISHES

Pattern	Size No.	Champion *Gold bronzed, labeled, with polished blade.* Cat. No.	Blairs Victor *Fire bronzed, labeled, with polished blade.* Cat. No.	Hand Made *Forge finish black, labeled, honed edge.* Cat. No.
Shingling	1	1171C	1181	1191
"	2	1172C	1182	1192
Lath	1	1271C	1281	1291
"	2	1272C	1282	1292
Half	1	1371C	1381	1391
"	2	1372C	1382	1392
"	2			792R*
"	3			1393
Claw	1	1471C	1481	1491
"	2	1472C	1482	1492
Flooring	1			1691
"	2			1692
Broad	1	1571C	1581	1591
"	2	1572C	1582	1592
"	3	1573C	1583	1593
"	4			1594

All the above hatchets except Hand Made No. 792R are Plain-Pattern hatchets.
*Hand Made No. 792R has octagon neck and round poll.
Abe Lincoln Brand same grade as Champion, Fire Bronze finish.
Hand Made hatchets furnished with walnut lacquered handles.

Falls City

Octagon Head, Round Neck, Beveled Blade, Fire Bronzed, Labeled, with Blue Bevels, Polished Head and Blade.

Pattern	Size	Cat. No.
Half	1	371
"	2	372

Red Rover

Octagon Head, Round Neck, Beveled Blade, Fire Bronzed, Labeled, with Green Bevels, Polished Head and Blade.

Pattern	Size	Cat. No.
Half	1	381
"	2	382

Falls City and Red Rover Beveled Hatchets are made in No. 1 and No. 2 Half Hatchets only.

Hand Made

Forge Finish Blade, Labeled

Pattern	Description	Cat. No.
Double Blade, Cleaning Hatchet	2⅝ in. Cut—Length of Head, 8¼ in.	1791

This is a very practical tool for cleaning brick, curb stones, paving stones and similar work.

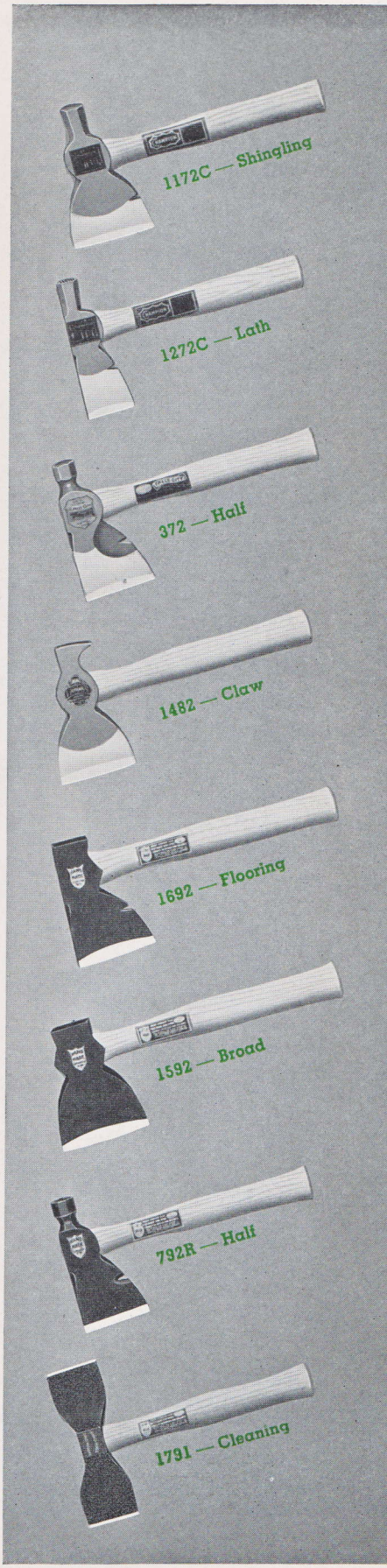
These hatchets are packed ½ dozen in a carton—2 dozen in a case.

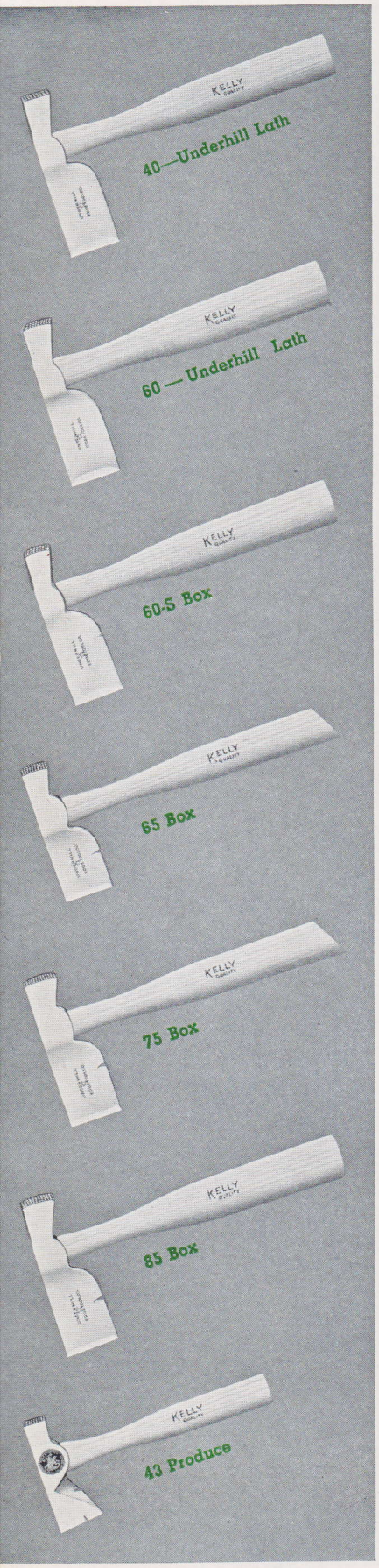
A COMPLETE LINE OF HATCHETS

Like Kelly Axes, our hatchets are forged from special tool steel in every standard pattern and are finely finished, attractive looking tools. All hatchet handles are of selected hickory, factory fitted and designed for perfect balance and comfort in use.

The Intermediate Grade Hatchets shown on this page are second only to Kelly Quality. This Intermediate Grade makes it possible to meet practically every competitive requirement for good hatchets.

These tools deserve much the same care and attention that a good axe demands. Failure of a hatchet or complaint about its performance is most often due to wrong use or downright abuse. Properly cared for, all Kelly Hatchets are built to give long, satisfactory service.





SPECIAL HATCHETS

Solid Crucible Steel

TRUE TEMPER KELLY QUALITY

Second Growth Hickory Handles

STAR LATH HATCHETS

Hardened Milled Heads—Thin Blades

UNDERHILL

Original "Underhill" Brand, Full Polished and Etched.

No. 40—Chicago Pattern—9 rows, 81 points—2⅛ inch cut, 13 inch handle.
No. 60—California Oval Head Pattern—12 rows, 144 points—2⅛ inch cut, 13 inch handle.
Also furnished under Kelly Standard Brand.

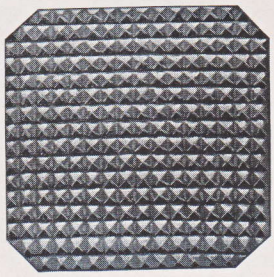
FRUIT BOX HATCHETS

Hardened Milled Heads
Special Shaped Handles

UNDERHILL

Original "Underhill" Brand, Full Polished and Etched.

No. 60-S—Oval Face Head—12 rows, 144 points—2⅛ inch cut—13 inch handle.
No. 65—Oval Face Head—13 rows, 169 points—2 inch cut—12 oz. wt.—13 inch handle.
No. 75—Oval Face Head—12 or 16 rows, 144 or 256 points—2⅛ inch cut—17 oz. wt.—13 inch handle.
No. 85—Oval Face Head—16 rows, 256 points—16 oz. wt.—16 inch handle.
Also furnished under Kelly "Standard" Brand, when desired.
Nos. 65 and 75 can be supplied with plain end handles if desired.



This top view (exact size) of No. 75 illustrates the manner in which these hatchet heads are milled.
Milled cold, the pyramid bases reinforce the points and prevent them from breaking or becoming battered in use.

PRODUCE HATCHETS

Hardened Milled Heads

STANDARD

Full Polished and Etched.

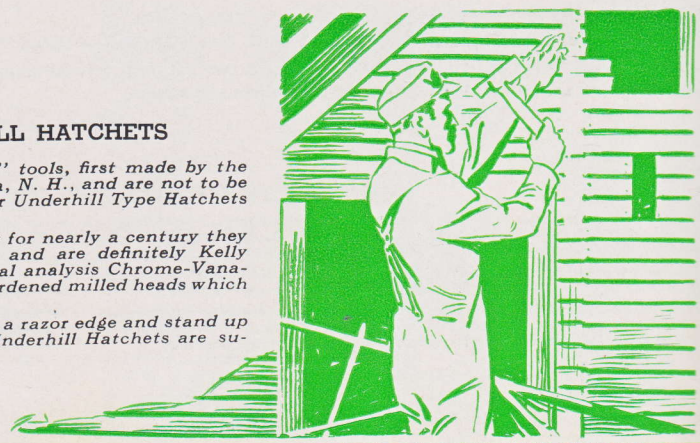
No. 43—Two nail slots (back and edge) 2 inch cut—10 oz. wt.—11 inch handle.
Packed, ½ doz. in a carton—2 doz. in a case.

ORIGINAL UNDERHILL HATCHETS

These are the original "Underhill" tools, first made by the Underhill Edge Tool Co. at Nashua, N. H., and are not to be confused with Underhill Pattern or Underhill Type Hatchets which are copies of the originals.

Favorites with Trade and Industry for nearly a century they have been consistently improved and are definitely Kelly Quality today. Forged from special analysis Chrome-Vanadium Steel, these hatchets have hardened milled heads which will not break or batter down.

The thin blades will take and hold a razor edge and stand up under constant hard use. Kelly Underhill Hatchets are superior tools in every respect.



SPECIAL HATCHETS

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

Second Growth Hickory Handles

BARRELING HATCHETS

Milled Heads

FLINT EDGE

No. 41—Kelly Pattern. Smooth black finish, labeled, with honed cutting edge. One Nail Slot (back). Size 1—2¼ in. Cut, 11 inch Handle. Also supplied under Vulcan, Hurd and Peerless Brands.

STANDARD

No. 44—Full Polished, Two Nail Slots (back and edge). Size—14oz., 2 in. Cut, 12 in. Handle.

PACKERS' HATCHETS

Milled Heads

DUQUESNE

No. 47—Light Pattern. Bronzed and labeled. Two Nail Slots (back and edge). Size 1—2¼ in. Cut, 11 in. Handle Stained Walnut.

FLINT EDGE

No. 3553S—Heavy Pattern. Smooth black finish, labeled. Two Nail Slots (back and edge). Size 3S—2¾ in. Cut, 13 in. Handle.

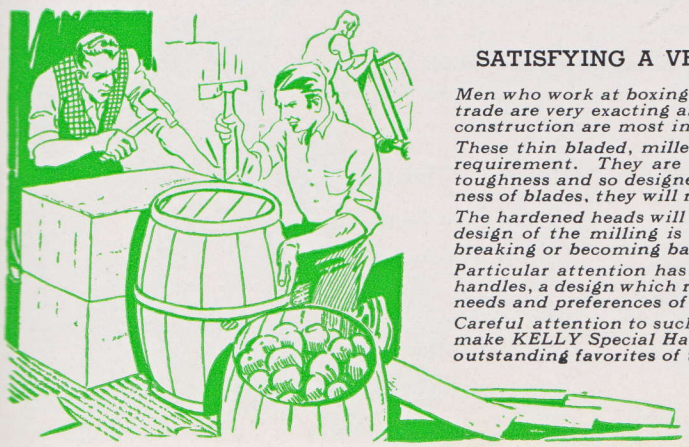
HAINES PATTERN THIN BLADE HATCHETS

Solid Crucible Steel

Underhill or Kelly Standard—Full Polished and Surface Etched

Cat. No.	Pattern	Size	Cut	Handle
11	Shingling	No. 1	3¼	13 in.
21	Lath	No. 1	2⅛	13 in.
31	Half	No. 1	3¼	13 in.
32	"	No. 2	3½	14 in.

These hatchets are packed ½ doz. in a carton, 2 doz. in a case.



SATISFYING A VERY PARTICULAR TRADE

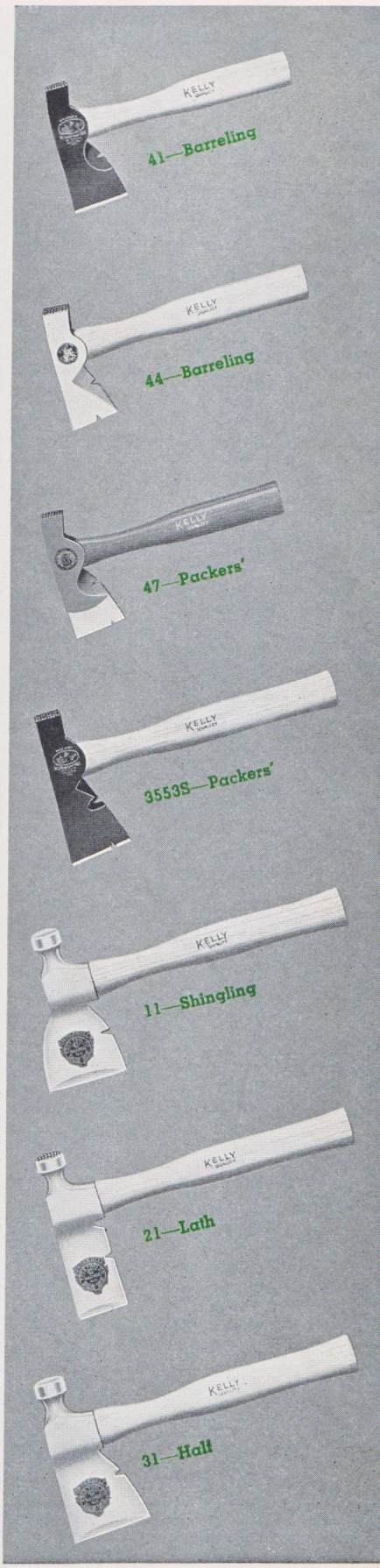
Men who work at boxing and barreling as well as the lathing trade are very exacting about the tools they use. Design and construction are most important.

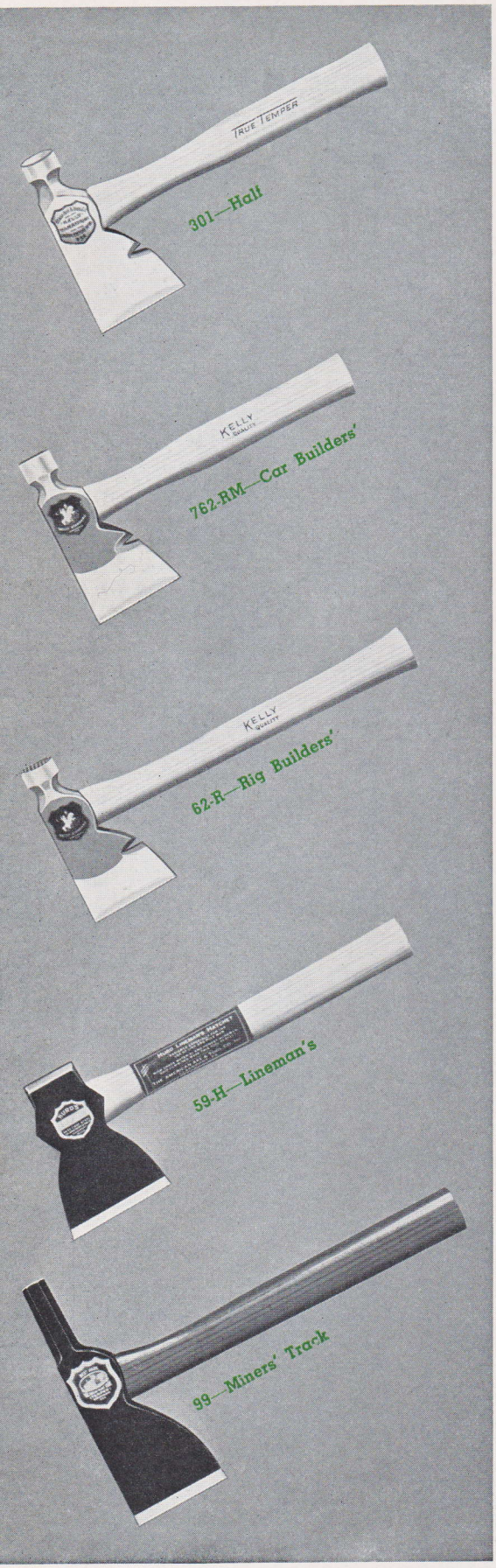
These thin bladed, milled head KELLY Hatchets meet every requirement. They are forged from special steel of utmost toughness and so designed that in spite of the extreme thinness of blades, they will not break under the eyes.

The hardened heads will not mushroom and the method and design of the milling is such as to prevent the points from breaking or becoming battered in use.

Particular attention has also been given to the shape of the handles, a design which results from long experience with the needs and preferences of this kind of service.

Careful attention to such important details have helped to make KELLY Special Hatchets not only satisfactory, but the outstanding favorites of the trade.





SPECIAL HATCHETS

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

VANADIUM HALF HATCHETS

Forged from Chrome Vanadium Steel
Full, High Polished, with Gold Filled Etching
Special Shape, Second-growth hickory handle

Cat. No.	Description	Size
301	Thin Blade	No. 1—3⅜ in., cut—13 in., Handle
302	" "	No. 2—3½ " " —14 " "

Packed—Each in an individual carton.

CAR BUILDERS' HATCHETS

Kelly Standard

Polished and Bronzed, Labeled

Cat. No.	Description	Size
762-R	Octagon Neck, Round Plain Head	No. 2—3⅝ in., cut, 14 in. Handle
763-R	" " " " "	No. 3—4 " " 15 " "
762-RM	Octagon Neck, Round Milled Head	No. 2—3⅝ " " 14 " "
763-RM	" " " " "	No. 3—4 " " 15 " "

Packed—⅓ Doz. to a Carton

RIG BUILDERS' HATCHETS

Kelly Standard

Fire Bronzed, Labeled, with Polished Blade
Hardened Milled Head

Cat. No.	Description	Size	Handle
61-R	Octagon Neck, Round Head	No. 1—3¼ in. Cut	—18 in. Knob End
62-R	" " " "	No. 2—3⅝ " "	—18 " " "
63-R	" " " "	No. 3—4 " "	—18 " " "

Packed—⅓ Doz. to a Carton

LINEMAN'S HATCHET

Hurd's

Gun Metal, Labeled with
Cold-chisel Cutting Edge

Also furnished under Flint Edge and Vulcan Brands.

Cat. No.	Description	Size
59-H	Heavy Head, Short Heavy Blade (4 lbs.)	4¼ in. Cut—16 in. Handle

Packed—⅓ Doz. to a Carton

COAL MINERS' TRACK HATCHETS

Flint Edge

Black Finish, Labeled

Cat. No.	Description	Handle
99	3 lb. Maul Head—3⅞ in. Cut	Stained—19 Inches.

Packed—1 Doz. in a Box

PICKS, MATTOCKS AND GRUB HOES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

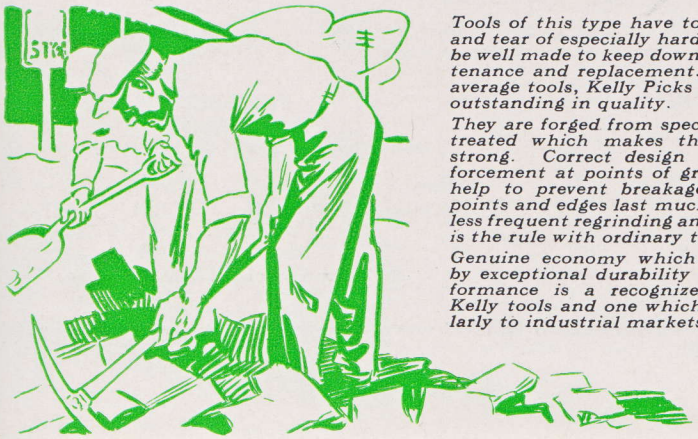
HUNT'S

Forged and Tempered by Hand
Painted Black with Polished Points, Blades and Cutters

Tool	Dimensions	Weights
Grub Hoe	3½ in. Hoe	3½ lbs.
Short Cutter Mattock	4 " " 2¾ in. Cutter	5¼ "
Long " "	4 " " 3¼ " "	Appr. 5½ "
Pick Mattock	4 " "	" 5½ "
Railroad Pick		5½, 6, 6½ and 7 lbs.

Grub Hoes packed one dozen in a box.
Picks and Mattocks packed 2 dozen in a case.
Picks supplied in assorted or solid weights.

Hand forged from special steel, heat treated and tempered, these Picks, Mattocks and Grub Hoes are outstanding tools. They are Kelly Quality in every respect which means material, workmanship, design, finish and, above all, performance.

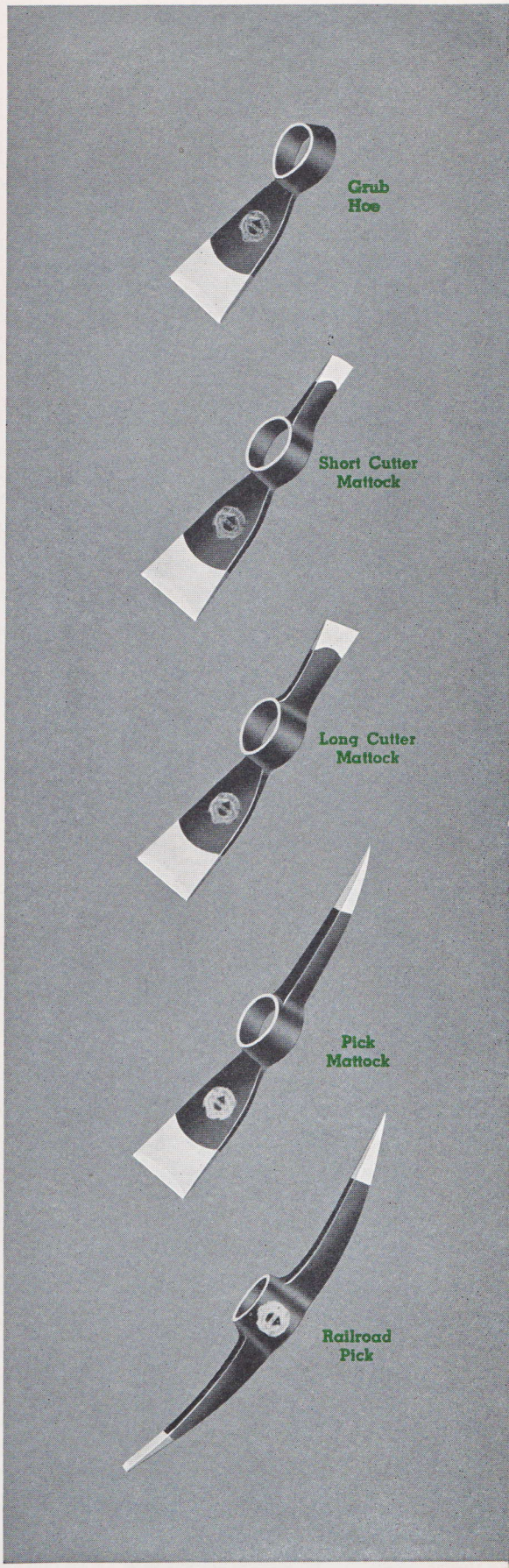


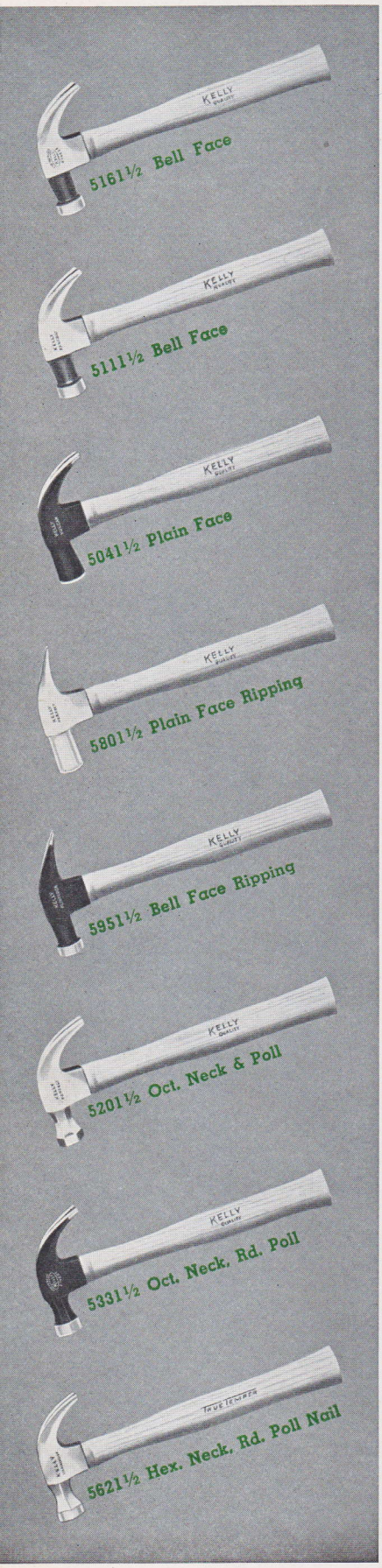
KELLY TOOLS ARE ECONOMICAL

Tools of this type have to endure the wear and tear of especially hard service and must be well made to keep down the cost of maintenance and replacement. Far from being average tools, Kelly Picks and Mattocks are outstanding in quality.

They are forged from special steel and heat treated which makes them exceptionally strong. Correct design and proper reinforcement at points of greatest strain also help to prevent breakage. The polished points and edges last much longer and need less frequent regrinding and repointing than is the rule with ordinary tools.

Genuine economy which is demonstrated by exceptional durability and efficient performance is a recognized feature of all Kelly tools and one which appeals particularly to industrial markets.





NAIL HAMMERS

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

Second Growth Hickory Handles

PATTERNS AND SIZES

Plain Face

Size	Head	Handle
0	28 oz.	16 in.
1	20 "	14½ "
1½	16 "	13½ "
2	13 "	13½ "

Bell Face

Size	Head	Handle
11	20 oz.	14½ in.
11½	16 "	13½ "
12	13 "	13½ "
12½	10 "	12½ "
13	7 "	12½ "
14	5 "	11 "

Plain Face—Ripping

Size	Head	Handle
701	20 oz.	14½ in.
701½	16 "	13½ "

Bell Face—Ripping

Size	Head	Handle
711	20 oz.	14½ in.
711½	16 "	13½ "
712	13 "	13½ "

Octagon Neck & Poll

Size	Head	Handle
201	20 oz.	14½ in.
201½	16 "	13½ "
202	13 "	13½ "

Octagon Neck—Round Poll

Size	Head	Handle
301½	16 oz.	13½ in.

Hexagon Neck—Round Poll

Size	Head	Handle
21	20 oz.	14½ in.
21½	16 "	13½ "
22	13 "	13½ "

Hexagon Neck—Round Poll Ripping

Size	Head	Handle
721	20 oz.	14 in.
721½	16 "	13½ "

BRANDS AND FINISHES

Pattern	Size	World's Finest *Polished Finish* Cat. No.	Perfect *Polished Finish* Cat. No.	World's Finest *Rustless Black* Cat. No.	Vulcan *Rustless Black* Cat. No.	Flint Edge *Rustless Black* Cat. No.
Plain Face	0	5060	5000	5030	5040	5050
" "	1	5061	5001	5031	5041	5051
" "	1½	5061½	5001½	5031½	5041½	5051½
" "	2	5062	5002	5032	5042	5052
Bell Face	11	5161	5111	5131	5141	5151
" "	11½	5161½	5111½	5131½	5141½	5151½
" "	12	5162	5112	5132	5142	5152
" "	12½	5162½	5112½	5132½	5142½	5152½
" "	13	5163	5113	5133	5143	5153
" "	14	5164	5114	5134	5144	5154
Plain Face Ripping	701	5861	5801	5831	5841	5851
" " "	701½	5861½	5801½	5831½	5841½	5851½
Bell Face Ripping	711	5961	5911	5931	5941	5951
" " "	711½	5961½	5911½	5931½	5941½	5951½
" " "	712	5962	5912	5932	5942	5952
Octagon Neck & Poll	201	5261	5201	5231	5241	5251
" " " "	201½	5261½	5201½	5231½	5241½	5251½
" " " "	202	5262	5202	5232	5242	5252
Oct. Neck, Rd. Poll	301½	5361½	5301½	5331½	5341½	5351½

These Hammers are packed ⅓ dozen in a display carton. 2 dozen in a case.

KELLY VANADIUM

Highly Polished
Second Growth Hickory Handles

Pattern	Size	Cat. No.
Hexagon Neck, Round Poll Nail	21	5621
" " " "	21½	5621½
" " " "	22	5622
Hex. Neck, Rd. Poll Ripping	721	5721
" " " "	721½	5721½

Each Hammer in an Individual Carton.

PERFECT

Nickel Plated
White or Ebonized 2nd Growth Hickory Handles

Pattern	Size	White Cat. No.	Ebonized Cat. No.
Oct. Neck & Poll	201N	5201N	5201EN
" " " "	201½N	5201½N	5201½EN
" " " "	202N	5202N	5202EN

Each Hammer in an Individual Carton.

Kelly Vanadium and Octagon Neck Hammers regularly furnished with octagon neck oval grip handles. Oval or full octagon handles supplied when specified.

METAL WORKERS' HAMMERS

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

Extra Quality Hickory Handles
PATTERNS AND SIZES

Ball Pein Hammers

Size	Head	Handles
7–0	2 oz.	10½ in.
6–0	3 "	10½ "
5–0	4 "	11½ "
4–0	6 "	12½ "
3–0	8 "	13½ "
2–0	12 "	14½ "
0	1 lb.	15 "
1	1¼ "	15½ "
2	1½ "	16½ "
3	1¾ "	17 "
4	2 "	17½ "
6	2½ "	18 "
8	3 "	18 "

Straight Pein Hammers

Size	Head	Handles
2	1½ lb.	16½ in.
4	2 "	17½ "

Machinists' Riveting Hammers

Size	Head	Handles
0	4 oz.	12½ in.
1	7 "	12½ "
2	9 "	13½ "
3	12 "	13½ "
4	15 "	14½ "
5	18 "	14½ "

Cross Pein Hammers

Size	Head	Handles
2	1½ lb.	16½ in.
4	2 "	17½ "

Blacksmiths' Hammers

Size	Head	Handles
0	1½ lb.	15½ in.
1	2 "	16½ "
2	2½ "	16½ "
3	3 "	17½ "
5	4 "	17½ "

Single Face Engineers' Hammers

Size	Head	Handles
1	1½ lb.	15½ in.
2	2 "	16½ "
3	2½ "	16½ "
4	3 "	16½ "

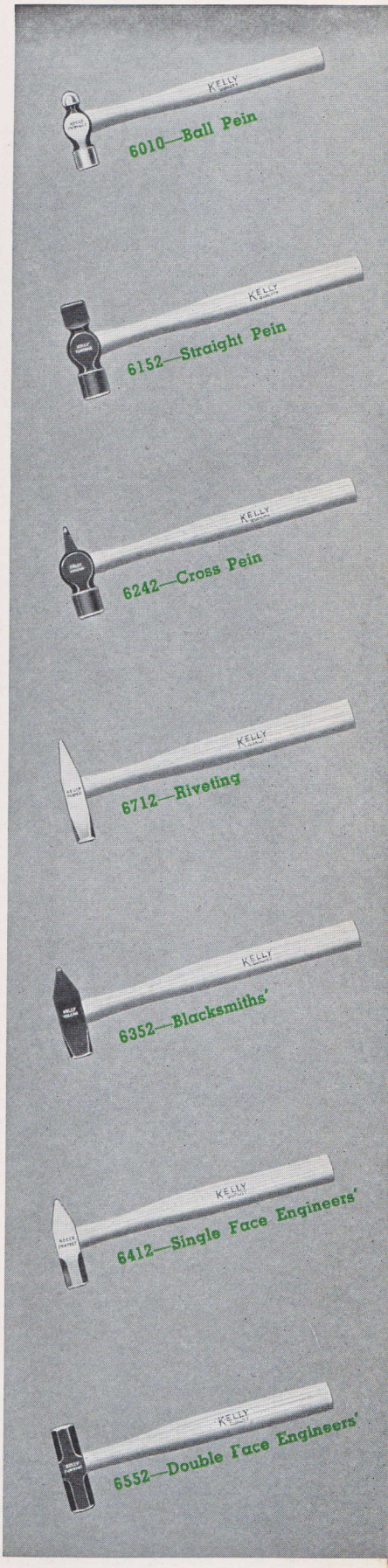
Double Face Engineers' Hammers

Size	Head	Handles
1	2 lb.	15½ in.
2	2½ "	16½ "
3	3 "	16½ "
5	4 "	16½ "

BRANDS AND FINISHES

Pattern	Size No.	Perfect *Polished* Cat. No.	Vulcan *Rustless Black, Polished Pein and Face.* Cat. No.	Flint Edge *Rustless Black, Polished Pein and Face* Cat. No.	World's Finest *Polished* Cat. No.	World's Finest *Rustless Black* Cat. No.
Ball Pein	7-0	6010-7-0	6040-7-0	6050-7-0	6060-7-0	6030-7-0
" "	6-0	6010-6-0	6040-6-0	6050-6-0	6060-6-0	6030-6-0
" "	5-0	6010-5-0	6040-5-0	6050-5-0	6060-5-0	5030-5-0
" "	4-0	6010-4-0	6040-4-0	6050-4-0	6060-4-0	6030-4-0
" "	3-0	6010-3-0	6040-3-0	6050-3-0	6060-3-0	6030-3-0
" "	2-0	6010-2-0	6040-2-0	6050-2-0	6060-2-0	6030-2-0
" "	0	6010	6040	6050	6060	6030
" "	1	6011	6041	6051	6061	6031
" "	2	6012	6042	6052	6062	6032
" "	3	6013	6043	6053	6063	6033
" "	4	6014	6044	6054	6064	6034
" "	6	6016	6046	6056	6066	6036
" "	8	6018	6048	6058	6068	6038
Straight Pein	2	6112	6142	6152	6162	6132
" " "	4	6114	6144	6154	6164	6134
Cross Pein	2	6212	6242	6252	6262	6232
" "	4	6214	6244	6254	6264	6234
Machinists' Riveting	0	6710	6740	6750	6760	6730
" " "	1	6711	6741	6751	6761	6731
" " "	2	6712	6742	6752	6762	6732
" " "	3	6713	6743	6753	6763	6733
" " "	4	6714	6744	6754	6764	6734
" " "	5	6715	6745	6755	6765	6735
Blacksmiths'	0	6310	6340	6350	6360	6330
"	1	6311	6341	6351	6361	6331
"	2	6312	6342	6352	6362	6332
"	3	6313	6343	6353	6363	6333
"	5	6315	6345	6355	6365	6335
Single Face Eng'nrs'	1	6411	6441	6451	6461	6431
" " "	2	6412	6442	6452	6462	6432
" " "	3	6413	6443	6453	6463	6433
" " "	4	6414	6444	6454	6464	6434
Double Face "	1	6511	6541	6551	6561	6531
" " "	2	6512	6542	6552	6562	6532
" " "	3	6513	6543	6553	6563	6533
" " "	5	6515	6545	6555	6565	6535

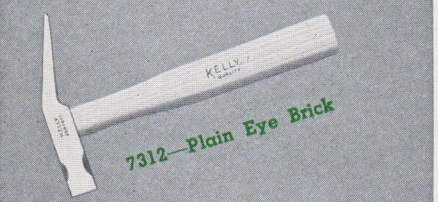
Packed: 1 lb., and heavier, ⅓ doz. in a carton; 12 oz., and lighter, ½ doz. in a carton. 2 doz. in a case.



6811—Tinners' Riveting

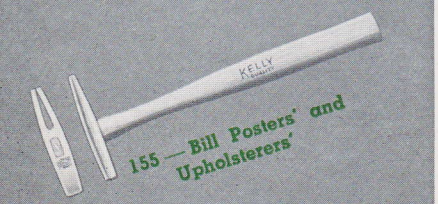
6911—Tinners' Paneing

7362½—Adze Eye Brick



7312—Plain Eye Brick

7442—Adze Eye Brick



155—Bill Posters' and Upholsterers'

SPECIAL HAMMERS

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

Extra Quality Hickory Handles

PATTERNS AND SIZES

Pattern	Size	Weights	Handles Paneing	Handles Riveting
Tinners' Hammers	1	8 oz.	12½ in.	12½ in.
" "	2	12 "	12½ "	13½ "
" "	3	1 lb.	12½ "	14½ "
Bricklayers' Hammers	2	1½ "		11½ "
" "	2½	1½ "		11½ "
" "	3	2 "		11½ "

TINNERS' HAMMERS

PERFECT

Polished

Pattern	Size No.	Cat. No.
Tinners' Riveting	1	6811
" "	2	6812
" "	3	6813
Tinners' Paneing	1	6911
" "	2	6912
" "	3	6913

Packed ½ doz. in a carton, 2 doz. in a case.

These hammers are favorites of the Tin Smith because of their correct design and perfect balance which makes them efficient fast working tools. Fine finish and attractive appearance add to their popularity.

BRICKLAYERS' HAMMERS

WORLD'S FINEST—ADZE EYE

Polished and Stamped or Rustless Black and Stamped

	Size No.		Cat. No.
Special Pattern Bricklayers'	2½	Polished	7362½
" " "	2½	Rustless Black	7332½

Pattern	Size No.	Perfect *Polished* Cat. No.	Vulcan *Rustless Black* Cat. No.	Flint Edge *Rustless Black* Cat. No	Hand Made *Forge Finish* Cat. No.
Plain Eye Bricklayers'	2	7312	7342	7352	7392
Adze Eye "	2	7412	7442	7452	7492
" " "	3	7413	7443	7453	7493

Packed; ⅓ doz. in a carton. 2 doz. in a case.

MAGNETIC BILL POSTERS' AND UPHOLSTERERS' HAMMERS

WORLD'S FINEST

Full Polished and Stamped

Weight of Head	Length of Head	Length Overall	Cat. No.
4 oz.	3½ in.	11½ in.	145
5 "	4 "	11½ "	155

The light, fast working hammers with magnetic heads are ideal for tacking up bills as well as for all kinds of upholstering work. Each hammer is supplied with a steel disk on the magnetic end. This must be kept in place when not in use, for the hammer to retain its magnetic properties.

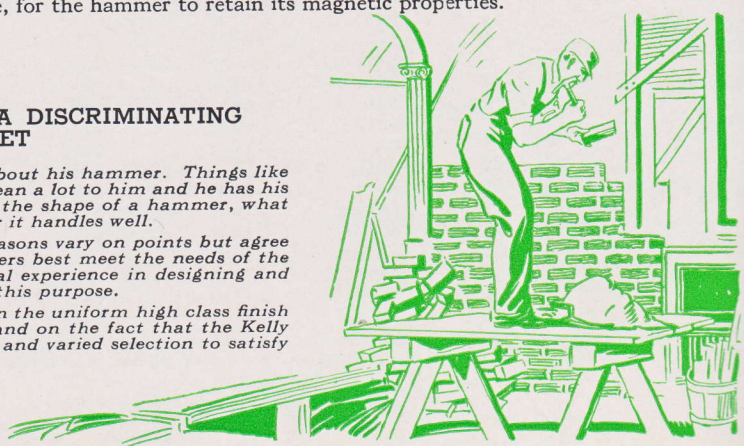
Packed ½ doz. in a carton.

MANUFACTURED FOR A DISCRIMINATING MARKET

A Brick Mason is particular about his hammer. Things like design, weight and balance mean a lot to him and he has his own very definite ideas about the shape of a hammer, what it ought to weigh and whether it handles well.

Individual opinions among masons vary on points but agree on the fact that Kelly Hammers best meet the needs of the trade. This is due to practical experience in designing and manufacturing hammers for this purpose.

The preference is also based on the uniform high class finish and appearance of each tool and on the fact that the Kelly Line offers a sufficiently wide and varied selection to satisfy individual desires.



SPECIAL HAMMERS

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

Extra Quality Hickory Handles

HEAVY DUTY RIPPING HAMMERS

WORLD'S FINEST

Polished with necks and underside of claws painted—stamped with gold lettering

Pattern	Weight	Handle	Cat. No.
Heavy Bell Face	20 oz.	14 in.	R20

Packed ⅓ doz. in a carton. 2 doz. in a case.

These hammers have extra heavy faces and powerful ripping leverage. They are recommended for heavy timber work, boardwalk laying or repairing and for use around concrete.

ELECTRICIANS' HAMMERS

WORLD'S FINEST

Polished with neck and underside of claws painted—stamped with gold lettering

Pattern	Weight	Handle	Cat. No.
Long Neck	20 oz.	14 in.	77

Packed ⅓ doz. in a carton. 2 doz. in a case.

These hammers are favorites of electricians and plumbers. Carpenters like them too because of the long slender polls and semi-straight claws. They are especially handy tools for nailing up outlet and switch boxes as well as for working across cables or nailing on pipe straps.

SAW SETTERS' HAMMERS

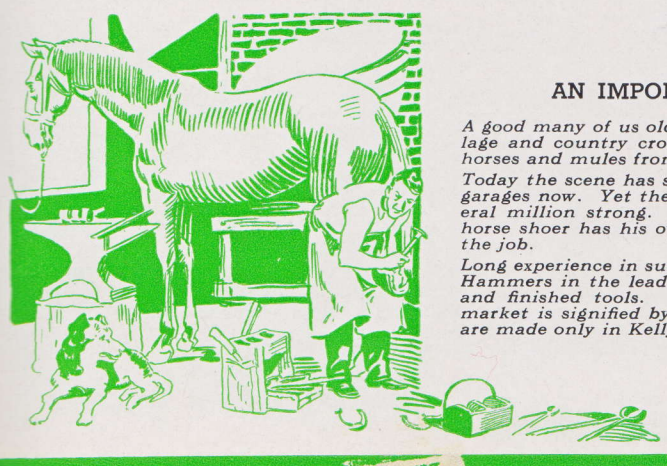
Pattern	Size No.	Weight	Handle	Vulcan *Rustless Black—Stamped* Cat. No.	Flint Edge *Rustless Black—Stamped* Cat. No.
With Slot	233	8 oz.	12½ in.	7643	7653

Packed ½ doz. in a carton. 2 doz. in a case.

FARRIERS' ADZE EYE HAMMERS

Pattern	Size No.	Weight	Handles	Perfect *Polished* Cat. No.	Vulcan *Rustless Black* Cat. No.	Flint Edge *Rustless Black* Cat. No.
Oct. Pole, Str. Claw	101	10 oz.	13½ in.	7211	7241	7251
" " " "	102	12 "	13½ "	7212	7242	7252
" " Bent "	120	7 "	13½ "	7110	7140	7150
Round " " "	130	7 "	13½ "	7010	7040	7050

Supplied in World's Finest Brand, full polished or rustless black.
Packed—⅓ dozen in a carton, 2 dozen in a case.

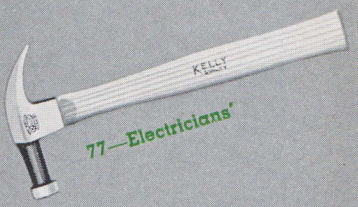


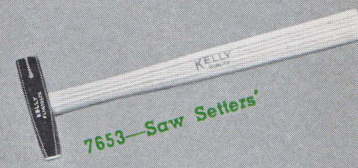
AN IMPORTANT MARKET STILL

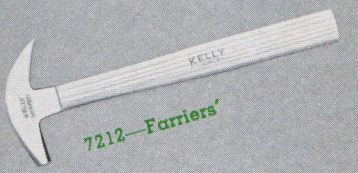
A good many of us old timers can remember when every village and country crossroads had a blacksmith shop where horses and mules from the neighboring farms were shod.

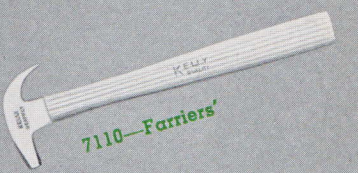
Today the scene has shifted. Some of those same shops are garages now. Yet the horse and mule are still working several million strong. They still have to be shod and each horse shoer has his own ideas about the tools he wants for the job.

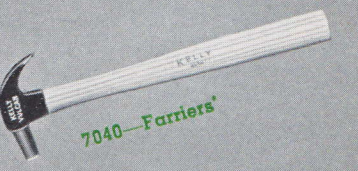
Long experience in suiting his needs has kept Kelly Farriers' Hammers in the lead with a selection of finely constructed and finished tools. The discriminating character of this market is signified by the fact that our Farriers' Hammers are made only in Kelly Quality.

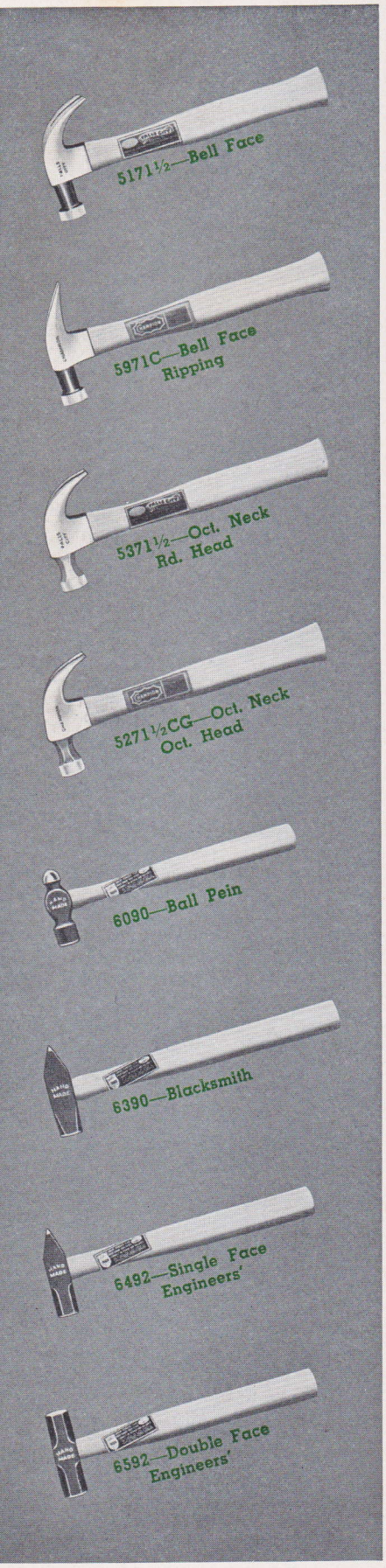












NAIL HAMMERS

Forged High Grade Steel

Intermediate Grade

Patterns and Sizes

See Schedule Shown on Page 158 for Weights and Handle Lengths

Brands and Finishes

Pattern	Size No.	Falls City *Polished with painted necks* Cat. No.	Champion *Polished with painted necks* Cat. No.	Hand Made *Black and Polished* Cat. No.
Plain Face	0	5070	5070C	5090
" "	1	5071	5071C	5091
" "	1½	5071½	5071½C	5091½
" "	2	5072	5072C	5092
Bell Face	11	5171	5171C	5191
" "	11½	5171½	5171½C	5191½
" "	12	5172	5172C	5192
" "	12½	5172½	5172½C	5192½
" "	13	5173	5173C	5193
Bell Face Ripping	711	5971	5971C	5991
" " "	711½	5971½	5971½C	5991½
		Polished necks	*Polished necks*	
Octagon Neck, Round Head	301½	5371½	5371½C	
" " Octagon "	201½	5271½	5271½C	

Falls City and Champion Hammers, sizes 301½ and 201½ can be furnished with Green Painted Necks. If this finish is desired add suffix "G" to Catalog Number These same patterns can be supplied under the Yellow Hammer Brand and with Gun Metal Finish, Yellow Painted Neck. If this finish is desired add suffix "Y" to catalog number.

Packed — ½ dozen in a carton, 4 dozen in a case, except Falls City and Champion Octagon Neck which are packed ⅓ doz. in display carton, 2 doz. in a case.

METAL WORKERS' HAMMERS

Intermediate Grade

HAND MADE

Railroad Oil Finish

	Size	Wt. of Head	Length of Handle	Cat. No.
Ball Pein Machinists' Hammer	7-0	2 oz.	10½ in.	6090-7-0
" " " "	6-0	3 "	10½ "	6090-6-0
" " " "	5-0	4 "	11½ "	6690-5-0
" " " "	4-0	6 "	12½ "	6690-4-0
" " " "	3-0	8 "	13½ "	6090-3-0
" " " "	2-0	12 "	14½ "	6090-2-0
" " " "	0	1 lb.	15 "	6090
" " " "	1	1¼ "	15½ "	6091
" " " "	2	1½ "	16½ "	6092
" " " "	3	1¾ "	17 "	6093
" " " "	4	2 "	17½ "	6094
" " " "	6	2½ "	18 "	6096
" " " "	8	3 "	18 "	6098
Blacksmiths' Hand Hammer	0	1½ lbs.	15½ in.	6390
" " " "	1	2 "	16½ "	6391
" " " "	2	2½ "	16½ "	6392
" " " "	3	3 "	17½ "	6393
" " " "	5	4 "	17½ "	6395
Single Face Engineers' Hammer	1	1½ lbs.	15½ in.	6491
" " " "	2	2 "	16½ "	6492
" " " "	3	2½ "	16½ "	6493
" " " "	4	3 "	16½ "	6494
Double Face Engineers' Hammer	1	2 lbs.	15½ in.	6591
" " " "	2	2½ "	16½ "	6592
" " " "	3	3 "	16½ "	5693
" " " "	5	4 "	16½ "	6595

Here is a line of finely balanced, well made metal workers' hammers which are very popular with the trade. They are hardened by our special heat treating process to prevent mushrooming and especially to prevent chipping which not only ruins the tool but is often the cause of shop accidents.

These hammers are packed ⅓ doz. in a carton, 2 dozen in a case.

HANDLED BUSH HOOKS

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

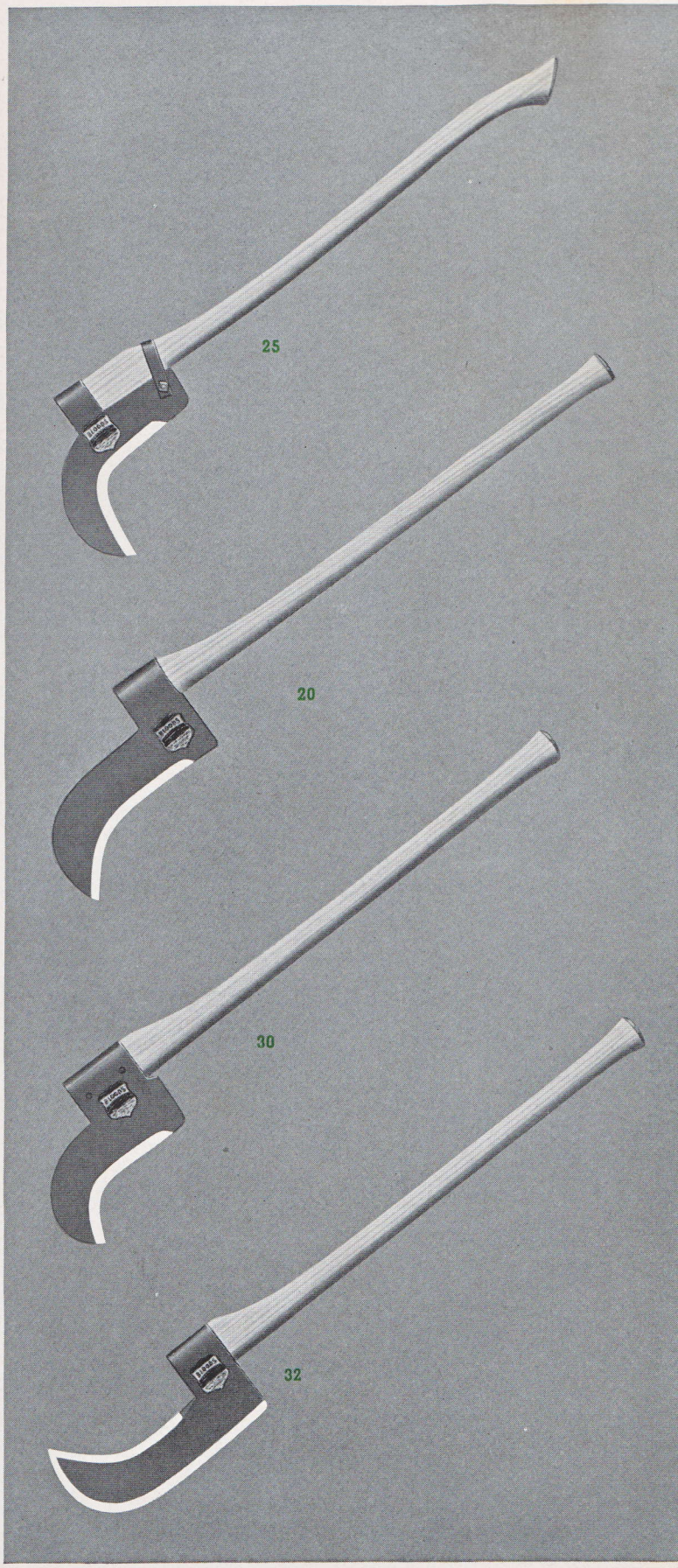
BLOOD'S

Painted Red and Labeled

Complete Tool No.	Description	Handle Description
9	2¾ lb. Blade with Light Strap Eye	34 in. Curved
10	3 " " " Medium " "	36 " "
11	3¾ " " " Heavy " "	36 " "
25	3 " " " Strap Eye	36 " "
20	10 in. " " Single Axe Eye	36 " Straight
22	12 " " " " " "	36 " "
30	9 " " " Riveted Single Axe Eye	36 " "
32	12 " Double Edge Blade with Single Axe Eye	36 " "

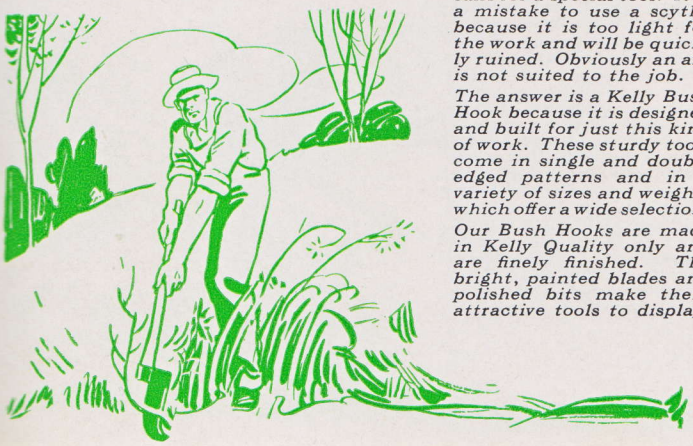
These Bush Hooks are also furnished under Kelly Standard Brand. Packed 1 doz. in a crate.

Kelly Bush Hooks are rugged tools, built to stand hard use. Blades, proper thickness for strength, will take and retain a cutting edge which makes short work of undergrowth and sizeable saplings. The design and balance make Kelly Bush Hooks easy to swing.



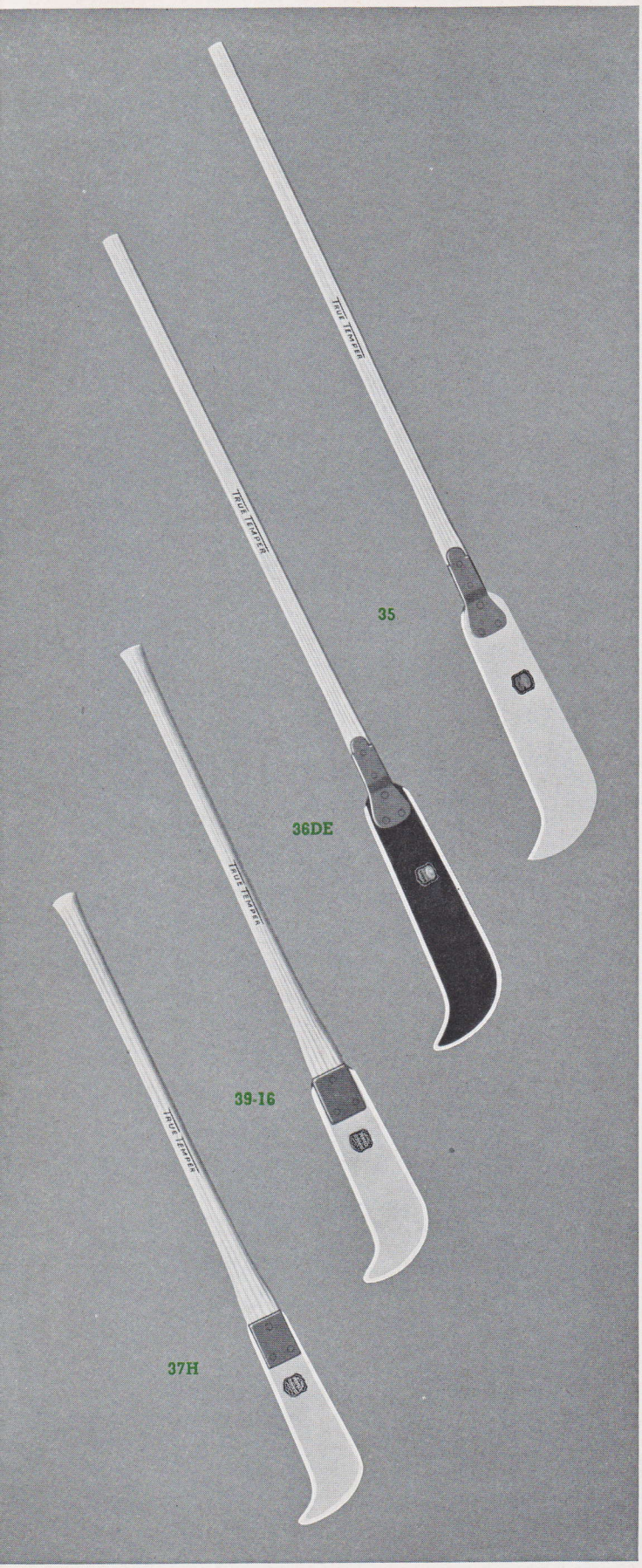
ALWAYS RECOMMEND THE PROPER TOOL

Clearing ground thickly overgrown with shrubbery, briars and tree seedlings calls for a special tool. It is a mistake to use a scythe because it is too light for the work and will be quickly ruined. Obviously an axe is not suited to the job.



The answer is a Kelly Bush Hook because it is designed and built for just this kind of work. These sturdy tools come in single and double edged patterns and in a variety of sizes and weights which offer a wide selection.

Our Bush Hooks are made in Kelly Quality only and are finely finished. The bright, painted blades and polished bits make them attractive tools to display.



DITCH BANK BLADES

High Grade Steel

TRUE TEMPER KELLY QUALITY

PERFECT

Polished Blade

Tool No.	Blade Wt.	Blade Lgth.	Description
35	2 lbs.	21 in.	Wide Single Edge Blade, Complete with Handle, 71 in. Overall
35DE	2 lbs.	21 in.	Wide Double Edge Blade, Complete with Handle, 71 in. Overall
39	2 lbs.	21 in.	Wide Single Edge Blade, Complete with 42 in. Hickory Handle
39DE	2 lbs.	21 in.	Wide Double Edge Blade, Complete with 42 in. Hickory Handle
37	1¼ lbs.	16 in.	Narrow Double Edge Blade Complete with Handle, 60 in. Overall
37H	1¼ lbs.	16 in.	Narrow Double Edge Blade, Complete with 42 in. Hickory Handle
39-16	1½ lbs.	16 in.	Wide Double Edge Blade, Complete with 42 in. Hickory Handle

FLINT EDGE

Black Finish

36	2 lbs.	21 in.	Wide Single Edge Blade, Complete with Handle, 71 in. Overall
36DE	2 lbs.	21 in.	Wide Double Edge Blade, Complete with Handle, 71 in. Overall
40	2 lbs.	21 in.	Wide Single Edge Blade, Complete with 42 in. Hickory Handle
40DE	2 lbs.	21 in.	Wide Double Edge Blade, Complete with 42 in. Hickory Handle
38	1¼ lbs.	16 in.	Narrow Double Edge Blade, Complete with Handle, 60 in. Overall
38H	1¼ lbs.	16 in.	Narrow Double Edge Blade, Complete with 42 in. Hickory Handle
40-16	1½ lbs.	16 in.	Wide Double Edge Blade, Complete with 42 in. Hickory Handle

Regular Packing, 1 dozen in a crate.

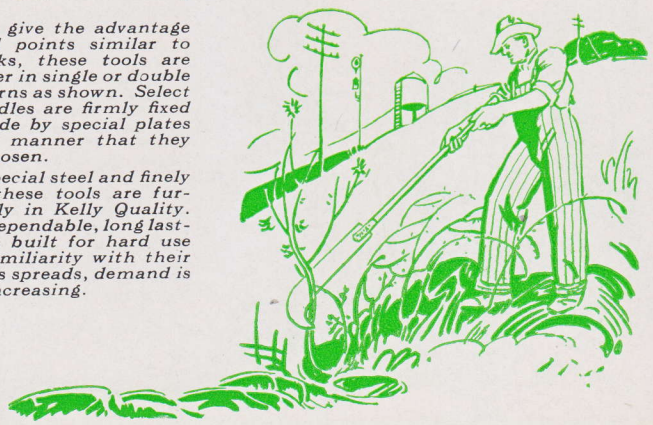
Extra blades and handles can be furnished separately.

A RECENT DEVELOPMENT IN SPECIAL PURPOSE TOOLS

Clearing ditch banks along right of ways or any hillside where the pitch is too steep for a scythe and the growth not advanced enough to require a bush hook is accomplished easily with these flat keen edged blades. They are also ideal for certain types of tree trimming and for cutting hedges.

Shaped to give the advantage of hooked points similar to bush hooks, these tools are made either in single or double edge patterns as shown. Select grade handles are firmly fixed to the blade by special plates in such a manner that they can not loosen.

Made of special steel and finely finished, these tools are furnished only in Kelly Quality. They are dependable, long lasting knives built for hard use and, as familiarity with their advantages spreads, demand is steadily increasing.



MACHETES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

MARCA W. C. KELLY

Polished Blade

Tool No.	Blade Length	Handle Description
613	20 inches	Horn with 4 rivets
613	22 "	" " 4 "
613	24 "	" " 4 "
613	26 "	" " 4 "
423	22 inches	Horn with 4 rivets
423	24 "	" " 4 "
201	20 inches	Horn with 5 rivets
201	22 "	" " 5 "
201	26 "	" " 5 "
232	22 inches	Horn with 5 rivets
232	24 "	" " 5 "
360	24 inches	Horn with 5 rivets
713	22 inches	Wood, copper wire wrapped
713	24 "	" " " "

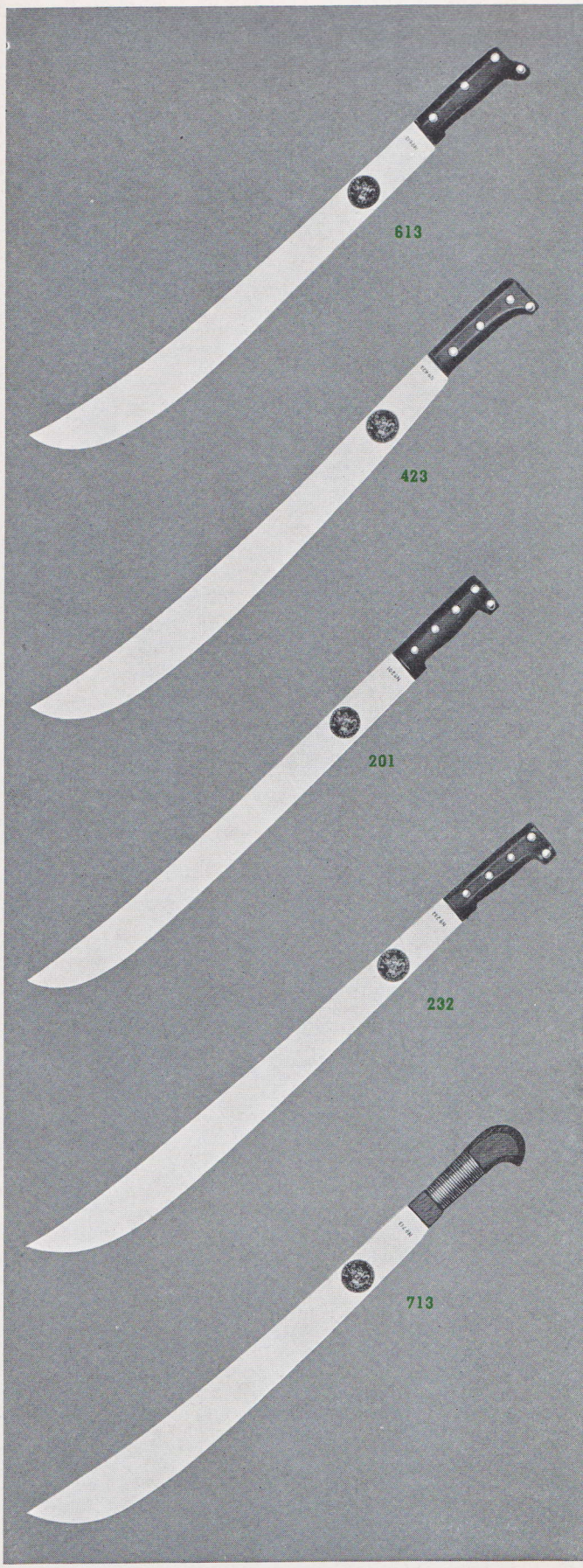
No. 360 (not illustrated) is similar to No. 232 with a slight difference in shape of blade.

Packed 2 doz. in a box.

A machete is a general purpose knife which must stand up under constant hard usage.

We make them only in Kelly Quality and with the utmost care from finest steel. The handles are horn or wire wound wood firmly and permanently fitted.

Beautiful finish and appearance is a feature of every Kelly Machete.



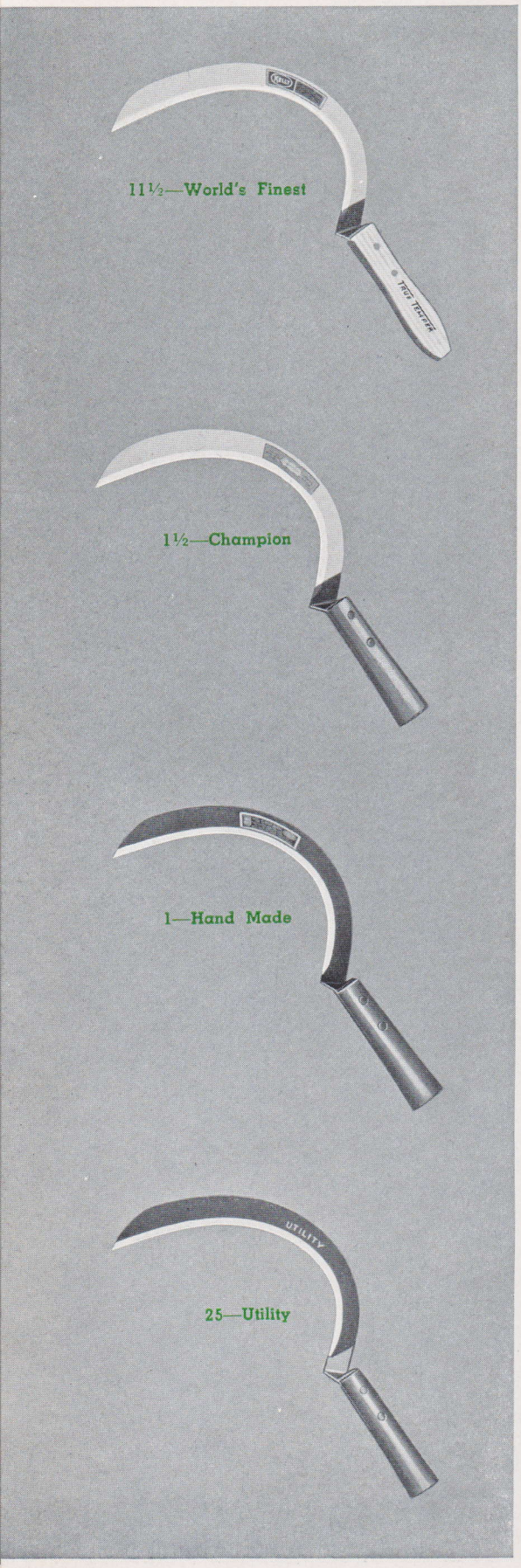
ANOTHER MARKET WHICH DEMANDS HIGHEST QUALITY

Down in the jungle country a machete is the standard personal equipment of every worker. It is always kept in good shape and gets plenty of hard service. Design and finish are especially important.

Forged from special steel, heat treated and beautifully finished, Kelly Machete blades are the finest in the world. Designed for practical use, these exceptionally strong blades taper to a cutting edge which will take and maintain a razor-like sharpness.

The horn or copper wire wound wood handles fit the grip comfortably and complete a finely balanced tool. Designed to hold the blade shank tightly, each handle is firmly fixed in place by several rivets and will usually last the life of the machete.

Although machetes are not so familiar in this country, there is a substantial and increasing market for these fine knives in certain localities, particularly the semi-tropical areas and regions where sugar cane is grown.



GRASS HOOKS

High Grade Steel

TRUE TEMPER KELLY QUALITY

No. 11½ KELLY WORLD'S FINEST

Polished blade with green enamel shank, labeled. Offset special shaped natural color varnished handle, stamped with TRUE TEMPER Trade Mark in gold filled letters.

Packed 1 dozen in a carton —Weight per carton 9 lbs.

Kelly Quality Grass Hooks are superior to any on the market. They excel in material, workmanship and performance. The different brands offer a selective choice of design and finish. Brilliantly enameled with attractive colors, they are ideal tools for display.

INTERMEDIATE GRADE

No. 1½ CHAMPION

Polished and labeled. Offset oval hickory handle, stained horn color. Tang and handle lacquered brilliant red, green and orange.

Packed 1 dozen in a carton, assorted colors, 4 each —Weight per carton 9 lbs.

No. 1 HAND MADE

Black, forge finish, labeled. Offset oval hickory handle, stained walnut.

Packed 1 dozen in a carton —Weight per carton 9 lbs.

These are very fine grass hooks, second only in a few minor points to Kelly Quality and slightly lower in price.

LOWER GRADE

No. 25 UTILITY

Natural finish, labeled. Offset oval handle.

Packed 1 dozen in a carton —Weight per carton 8 lbs.

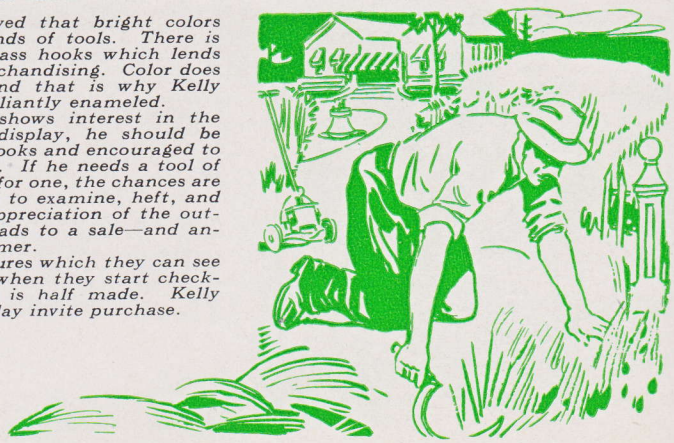
The Utility Grass Hook is well made of good steel which will take and carry a real cutting edge. It has the look and feel of a practical tool, is priced competitively and is a good item for the dealer to include in his grass hook line.

PRACTICAL MERCHANDISING ALWAYS PAYS

Experience has proved that bright colors help sell certain kinds of tools. There is something about grass hooks which lends itself to display merchandising. Color does attract attention and that is why Kelly Grass Hooks are brilliantly enameled.

When a customer shows interest in the Kelly Grass Hook display, he should be handed one of the hooks and encouraged to test the "feel" of it. If he needs a tool of that type or has use for one, the chances are that he will proceed to examine, heft, and swing it until his appreciation of the outstanding features leads to a sale—and another satisfied customer.

Men appreciate features which they can see for themselves and when they start checking them, the deal is half made. Kelly Grass Hooks on display invite purchase.



GRASS HOOKS

High Grade Steel

TRUE TEMPER KELLY QUALITY

No. 4 PERFECT

Blade, blue Morocco finish, detachable red lacquered shank, stained hickory handle with oval grip, stamped with True Temper Trade Mark in gold letters.

One dozen in a carton—Weight per carton 10 lbs.

No. 44 KELLY WORLD'S FINEST
Same Pattern as No. 4

Blade, brilliant green Morocco finish, detachable green lacquered shank, stained hickory handle with oval grip, stamped with True Temper Trade Mark in gold letters.

One dozen in a carton—Weight per carton 10 lbs.

No. 5 PERFECT

Blade, blue Morocco enamel and brilliant red lacquered socket. 44 inch white handle with brilliant red lacquered tip, stamped with True Temper Trade Mark in gold letters.

One dozen in a carton—Weight per carton 26 lbs.

No. 55 KELLY WORLD'S FINEST
Same Pattern as No. 5

Blade, green Morocco enamel, and brilliant green lacquered socket. 44 inch white handle with brilliant green lacquered tip, stamped with True Temper Trade Mark in gold letters.

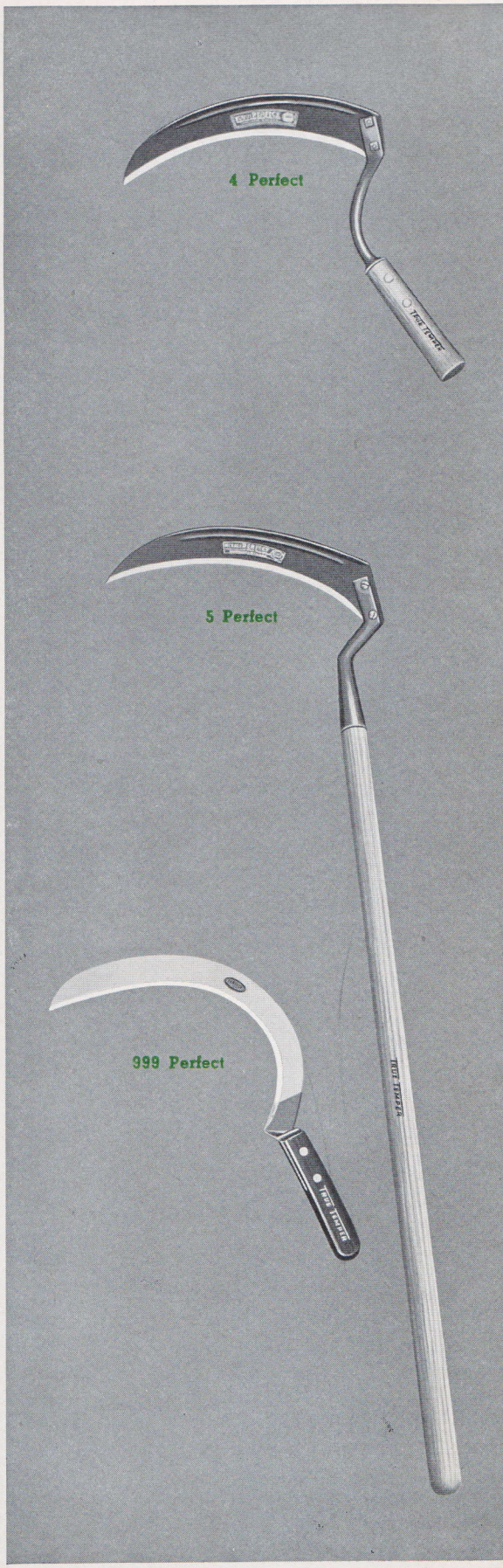
For trimming grass under hedges, shrubbery or along fence rows and corners, Kelly long handled grass hooks are extremely handy tools. Properly displayed, their obvious convenience is immediately apparent to prospective customers.

One dozen in a carton—Weight per carton 26 lbs.

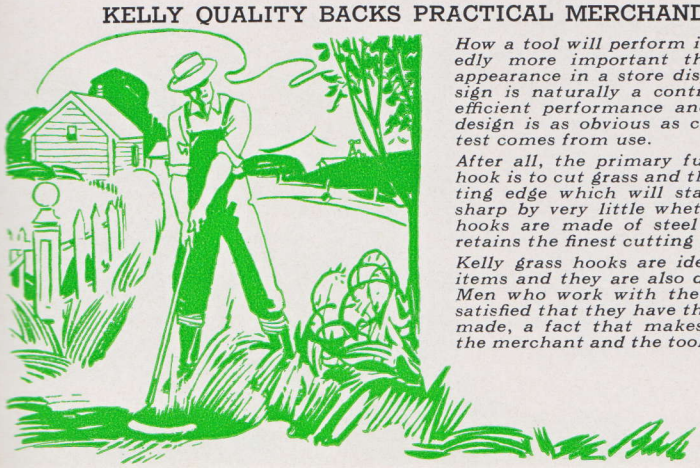
No. 999 PERFECT

Blade highly polished, front and back, labeled, with brilliant red lacquered offset tang. Genuine Cocobolo handle with highly polished 5/16 inch brass rivets through the handle and tang, stamped with True Temper Trade Mark in gold letters.

One dozen in a carton—Weight per carton 10 lbs.



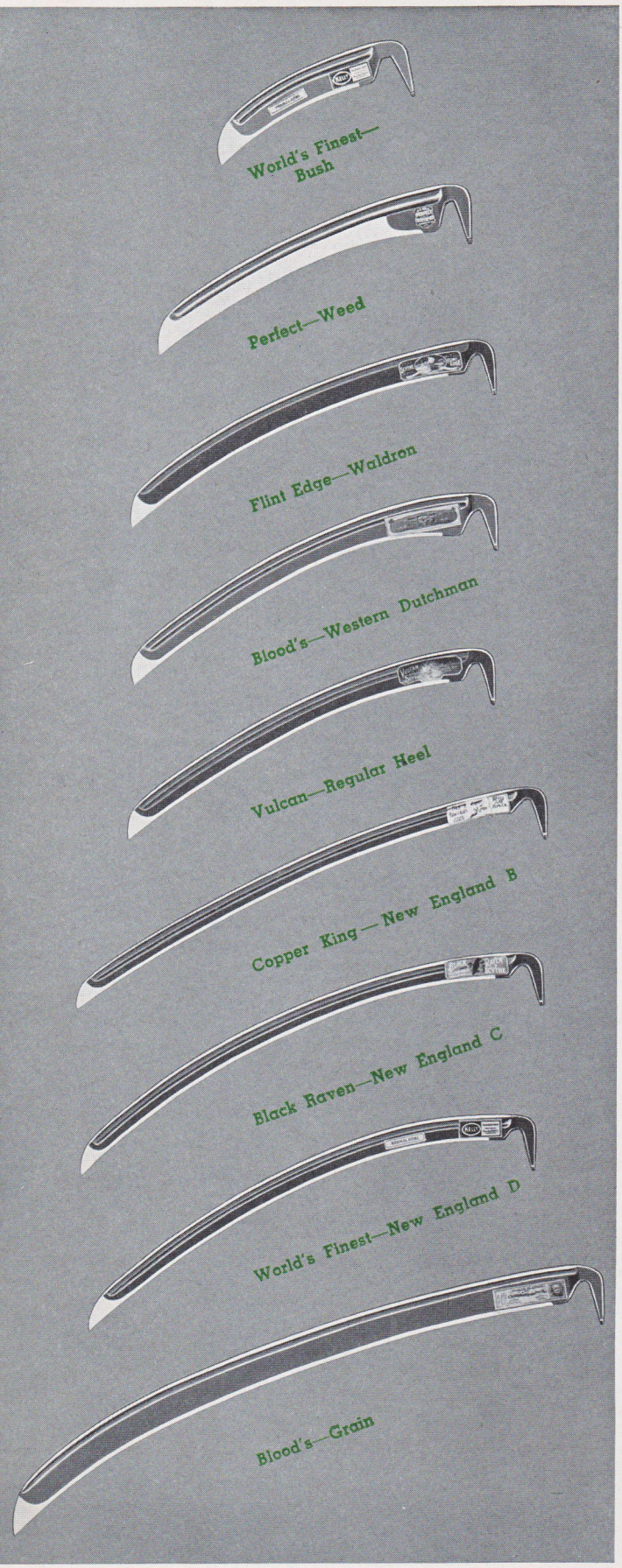
KELLY QUALITY BACKS PRACTICAL MERCHANDISING



How a tool will perform in use is undoubtedly more important than its attractive appearance in a store display. Correct design is naturally a contributing factor to efficient performance and to some extent design is as obvious as color, but the real test comes from use.

After all, the primary function of a grass hook is to cut grass and that requires a cutting edge which will stand up, and keep sharp by very little whetting. Kelly grass hooks are made of steel which takes and retains the finest cutting edges.

Kelly grass hooks are ideal merchandising items and they are also dependable in use. Men who work with them are completely satisfied that they have the best grass hooks made, a fact that makes friends for both the merchant and the tool.



WELDED SCYTHES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

PATTERNS AND SIZES

Patterns	Sizes	Regular Assortments	Assortment Shipping Wts.
Bush	16 to 24 inches	18 to 22 inches	28 lbs.
Weed	24 to 30 inches	24 to 28 inches	29 lbs.
Waldron Grass	26 to 38 inches	28 to 32 inches	27 lbs.
Wide Heel or Western Dutchman Grass	26 to 36 inches	28 to 32 inches	27 lbs.
Regular Heel or Clipper Grass	26 to 38 inches	28 to 32 inches	27 lbs.
New England B-Pattern Grass	28 to 44 inches	34 to 36 inches	25 lbs.
New England C-Pattern Grass	28 to 44 inches	34 to 36 inches	25 lbs.
New England D-Pattern Grass	28 to 44 inches	34 to 36 inches	25 lbs.
Grain	44 to 50 inches	48 inches	42 lbs.

FINISHES

No. 1 Finish—Painted or oiled with cutting edge, only polished.

No. 2 Finish—Painted, bronzed or oiled with cutting edge and little back polished.

No. 3 Finish—Painted Crimson Lacquer with cutting edge and web polished.

No. 5 Finish—Painted or oiled with cutting edge, little back and one web polished.

BRANDS

World's Finest, Flint Edge, Vulcan, Black Raven, Winner, Sampson, Blood's
No. 1 Finish—Labeled

Flint Edge, Vulcan, Clipper, Blood's
No. 2 Finish—Labeled

Copper King No. 3 Finish—Labeled

Perfect No. 5 Finish—Labeled

The Brands of Welded Scythes Listed Here are Supplied in All Standard Patterns as illustrated on this page.

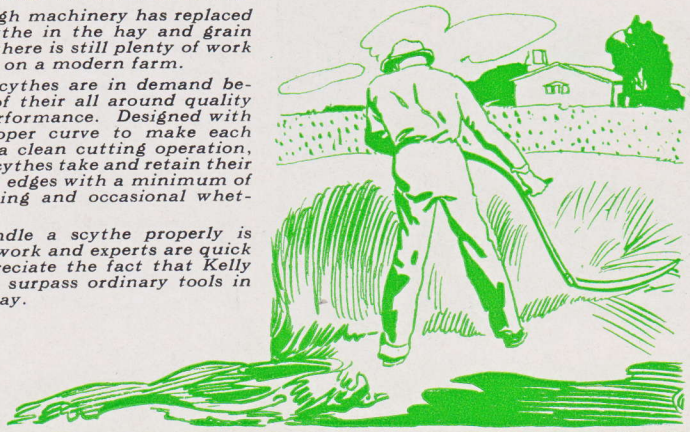
Regular Packing for All Scythes—½ doz. in a burlap bundle.

THE MAN WITH A SCYTHE

Although machinery has replaced the scythe in the hay and grain fields, there is still plenty of work for one on a modern farm.

Kelly scythes are in demand because of their all around quality and performance. Designed with the proper curve to make each stroke a clean cutting operation, Kelly scythes take and retain their cutting edges with a minimum of regrinding and occasional whetting.

To handle a scythe properly is expert work and experts are quick to appreciate the fact that Kelly scythes surpass ordinary tools in every way.



ONE PIECE SCYTHES

Forged High Grade Steel

TRUE TEMPER KELLY QUALITY

PATTERNS AND SIZES

Patterns	Sizes	Regular Assortments	Assortment Shipping Wts.
Bush	16 to 24 inches	18 to 22 inches	28 lbs.
Wide Heel or Railroad Weed	24 to 30 inches	24 to 28 inches	29 lbs.
Weed	24 to 30 inches	24 to 28 inches	29 lbs.
Wide Heel or Western Dutchman Grass	26 to 36 inches	28 to 32 inches	27 lbs.
Regular Heel or Clipper Grass	26 to 38 inches	28 to 32 inches	27 lbs.
New England B-Pattern Grass	28 to 44 inches	34 to 36 inches	25 lbs.
New England C-Pattern Grass	28 to 44 inches	34 to 36 inches	25 lbs.
New England D-Pattern Grass	28 to 44 inches	34 to 36 inches	25 lbs.

BRANDS AND FINISHES

Perfect Featherweight—28 to 32 Grass Pattern only—Wt. per doz., 21 lbs. Blade polished and labeled.

Here is the finest grass scythe made. Forged from special analysis high grade steel, it has an extra thin strong blade which will hold a cutting edge longer than ordinary good scythes, an edge easily renewed by touching up occasionally with a whetstone. Less whetting is required to maintain an edge longer.

Briar Edge, Clover Leaf and Meadow Lark—Supplied in any of the above patterns—No. 1 Finish only.

Intermediate Grade

Comet—Supplied only in Bush, Weed, Western Dutchman Grass and Regular Heel Grass—Black Finish, Plain Blade without bead—Labeled.

The Comet is a hand forged, serviceable scythe with the competitive advantage of a lower price.

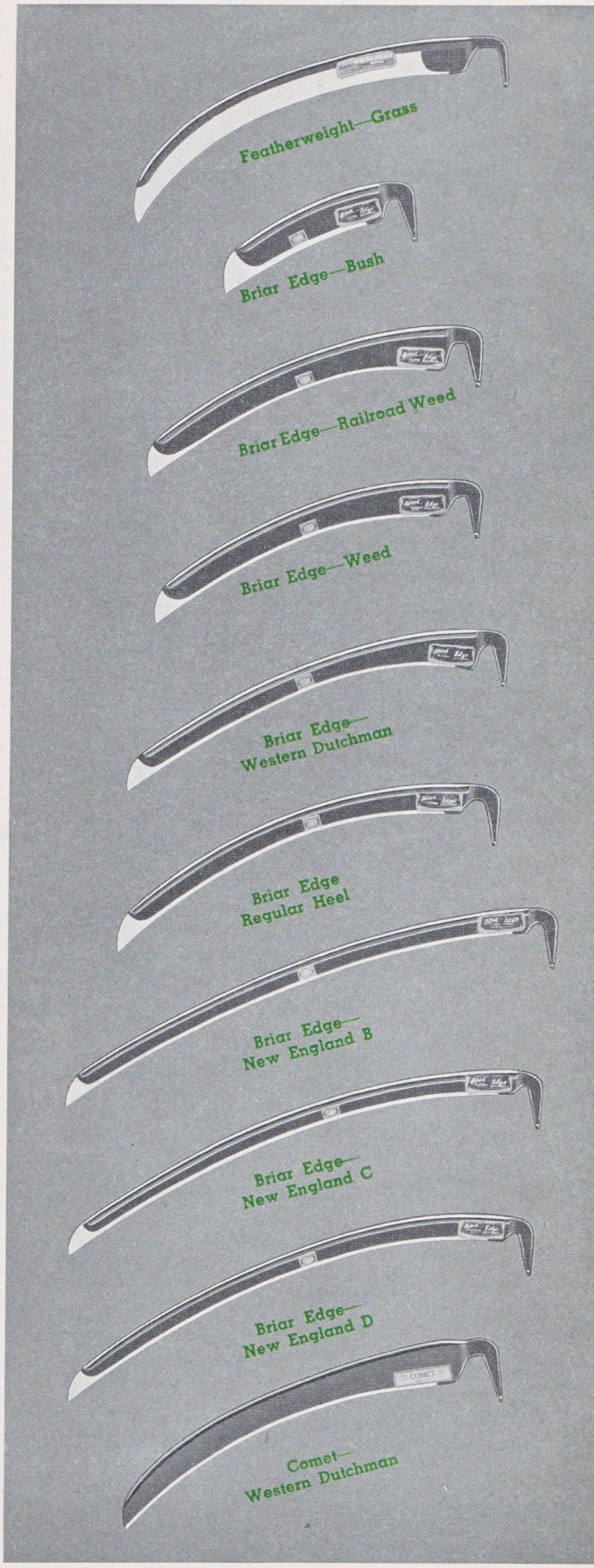
Regular packing for all scythes – ½ doz. in a burlap bundle.

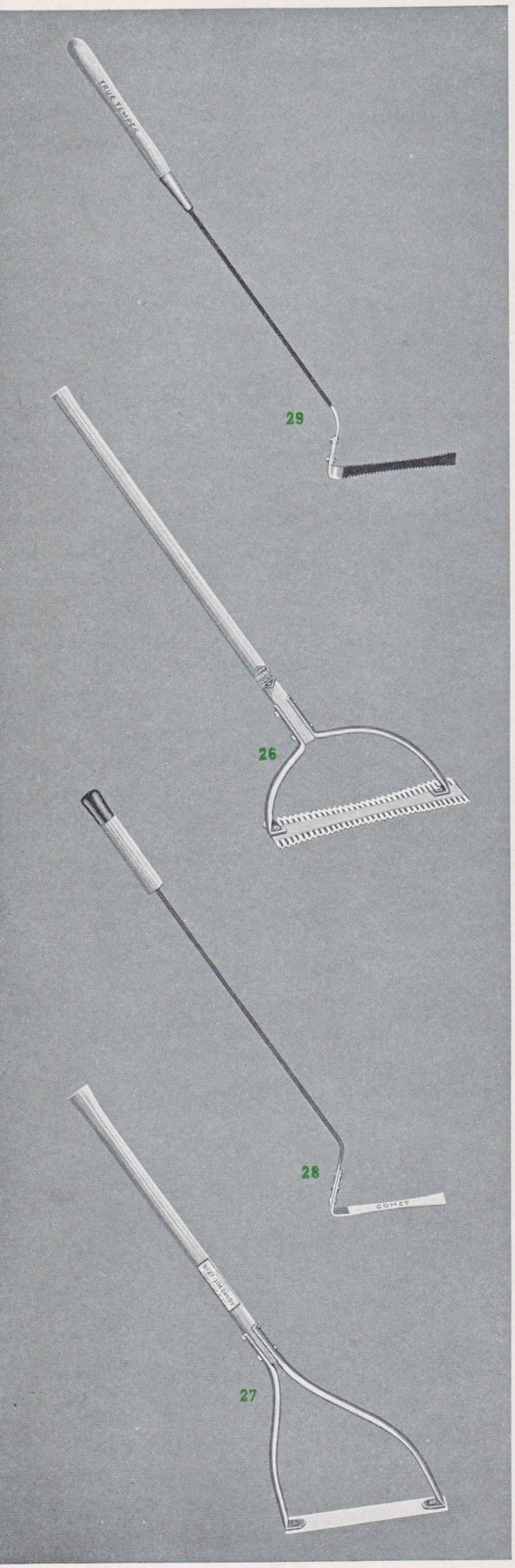
HERE IS A WIDE SELECTION

Whether regional preference calls for welded or one piece scythes, the Kelly line will supply the demand in all required patterns.

Recognized for many years as the leading scythe manufacturer, this company's experience and complete familiarity with the market offer a definite advantage to distributors.

Kelly scythes are made in a variety of finishes under well known brand names. Quality standards are consistently high throughout the line and the price range is attractive.





GRASS AND WEED CUTTERS

TRUE TEMPER KELLY QUALITY

WORLD'S FINEST GRASS CUTTER

Black Enamel Finish
Natural Finish Handle with Red Shank

No. 29—Serrated Double Edge Blade, 9 in. Long, Firmly Riveted to the Shank—Overall Length of Tool Approximately 38 in.

Packed ½ doz. in a carton.

These grass cutters are light, efficient tools which it is a pleasure to use. They handle very much like golf clubs and have considerable whip, due to the long slender steel shaft. The keen cutting edges can easily be kept in that condition by occasional touching up with file or stone.

PERFECT WEED CUTTER

Polished Blade—Enameled Bow
Natural Finish Varnished Handle

No. 26—Serrated Double Edge Blade, 14 in. x 2½ in., Bolted to the Bow—Overall Length of Tool Approximately 38 in.

Packed ½ doz. in a crate.
Extra blades for weed cutters can be supplied.

Here is a very handy tool for cutting weeds or grass. The design of the bow which sets the handle at an angle permits the blade to travel parallel to the ground well away from the user. Weeds are easily cut down without special skill or practice.
The blade is removable although it can be sharpened while on the tool. Sharpening is only a matter of touching up with a file or stone. The serrated cutting edge increases cutting efficiency over straight edge tools of this type.

LOWER GRADE

COMET GRASS CUTTER

Natural Finish Blade with Polished Edges
Natural Finish Varnished Handle with Painted Tip

No. 28—Plain Double Edge Blade, 8 in. Long, Firmly Riveted to the Shank—Overall Length of the Tool Approximately 37 in.

Packed ½ doz. in a carton.

Here is a well made grass cutter; a handy tool for maintenance work around the lawn and grounds.

JIM DANDY WEED CUTTER

Natural Finish Blade with Polished Edge—Painted Bow
Natural Finish Varnished Handle

No. 27—Plain Double Edge Blade, 12 in. x 2¼ in., Bolted to the Bow—Overall Length of Tool Approximately 38 in.

Packed ½ doz. in a crate.
Extra blades for weed cutters can be supplied.

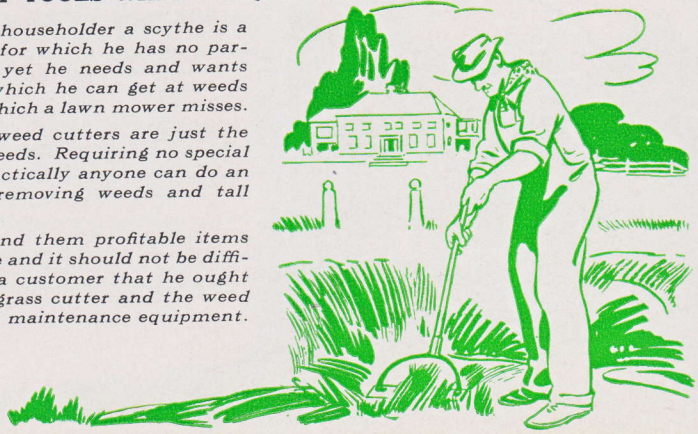
This is a serviceable, well constructed weed cutter; very convenient for use around the yard and grounds.

CONVENIENT TOOLS WHICH REQUIRE NO SPECIAL SKILL TO USE

To the average householder a scythe is a formidable affair for which he has no particular aptitude, yet he needs and wants something with which he can get at weeds or the tall grass which a lawn mower misses.

These grass and weed cutters are just the tools to suit his needs. Requiring no special skill in using, practically anyone can do an efficient job of removing weeds and tall grass with them.

The dealer will find them profitable items to carry in his line and it should not be difficult to persuade a customer that he ought to add both the grass cutter and the weed cutter to his yard maintenance equipment.



CORN HOOKS

TRUE TEMPER QUALITY

CARVER'S PATENT CORN HOOKS

Oval Shaped Handles of Polished Hardwood and a Special Design Which Gives Correct Balance and Easy Hand Grip

Complete Tool No.	Blade Description	Handle Description	Right Repair Handle No.
6C	Plain Edge, 12 in. Blade	Handle Length, 18 in.	846
8C	Serrated " 12 " "	" " 18 "	846

ADJUSTABLE SERRATED CORN HOOKS

Readily Adjustable by Means of Three Holes at Handle End of Blade and Screw Bolt with Wing Nut

Complete Tool No.	Blade Description	Handle Description	Right Repair Handle No.
6CH	Serrated Edge, 12 in. Blade	Handle Length, 20 in.	840

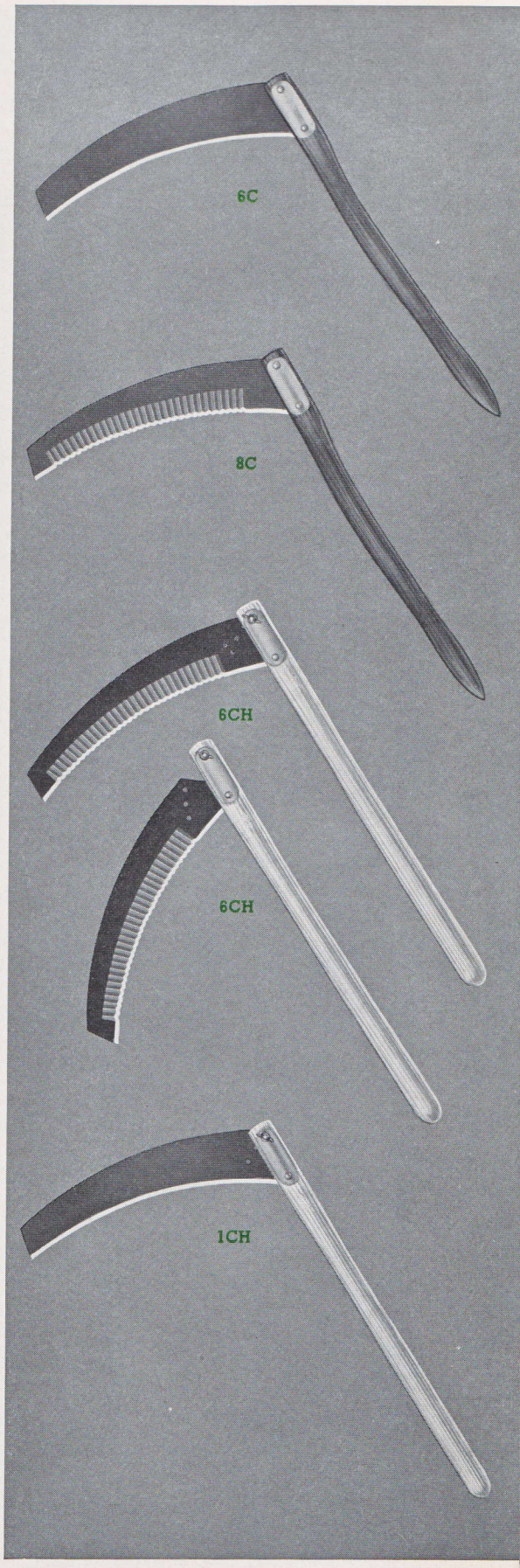
YANKEE CORN HOOKS

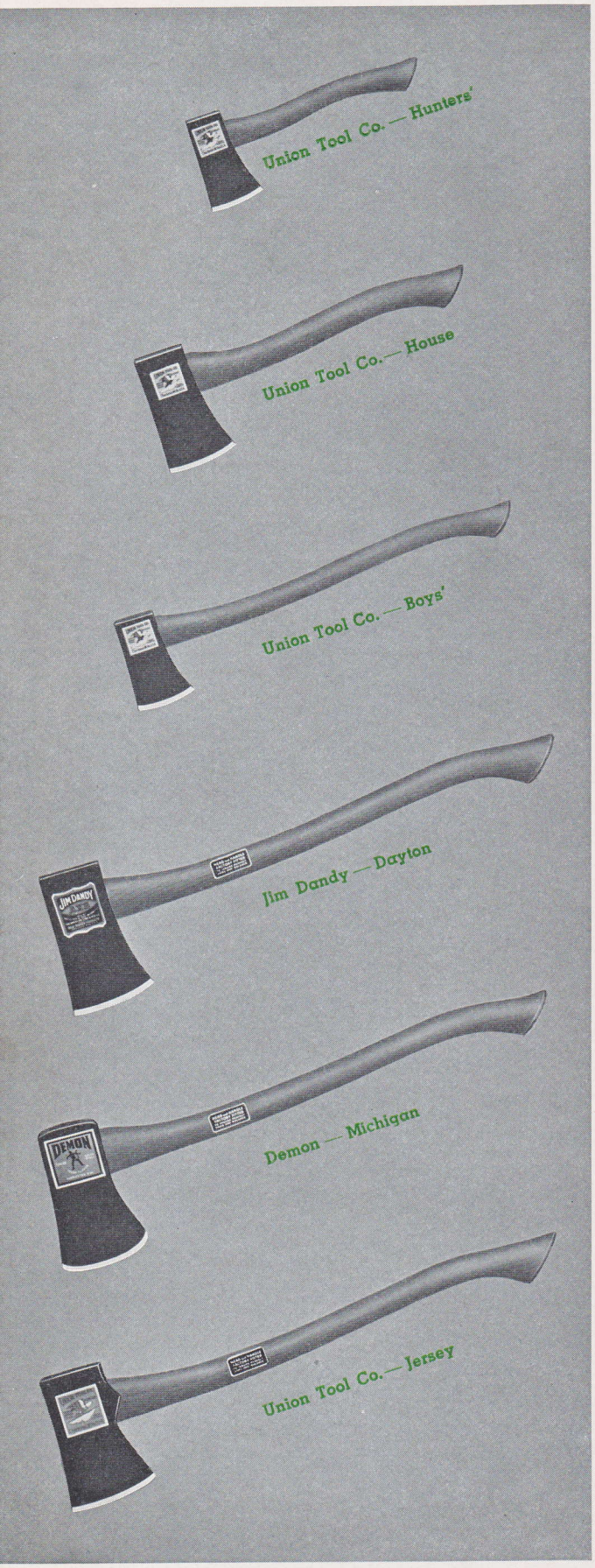
Straight Handles, Turned and Formed

Complete Tool No.	Blade Description	Handle Description	Right Repair Handle No.
1CH	Plain Edge, Adjustable 12 in. Blade	Handle Length, 20 in.	842

SECOND QUALITY

2CH	Natural Finish Stamped Straight Edge Adjustable Steel Blade	842





SPECIAL LOW PRICE AXES

These are drop forged tools of reliable steel, carefully tested and inspected. They will perform better and last longer than ordinary axes in this price class which meets the requirements of a large number of occasional users.

HUNTERS' AND SPORTSMEN'S AXES

Made in four sizes

No. 0—1¼ lb. head, 14 in. handle
No. 1—1½ lb. " 16 in. "
No. 2—1¾ lb. " 18 in. "
No. 3—2 lb. " 19 in. "

UNION TOOL CO. BRAND

Plain Shape—Rough forged, ebony finish, labeled—stained handle.

Packed ½ dozen in a carton, 2 dozen in a case.

HOUSE AXES

Made in two sizes

2¼ lb. head, 19 in. handle
2¾ lb. " 19 in. "

UNION TOOL CO. BRAND

Plain Shape—Rough forged, ebony finish, labeled—stained handle.

Packed ½ dozen in a carton, 2 dozen in a case.

BOYS' HANDLED AXES

Made in four sizes

No. 0—1¾ lb. head, 24 in. handle
No. 1—2 lb. " 26 in. "
No. 2—2¼ lb. " 28 in. "
No. 3—2¾ lb. " 28 in. "

UNION TOOL CO. BRAND

Plain Shape—Rough forged, ebony finish, labeled—stained handle.

Packed ½ dozen in a crate.

SINGLE BIT AXES

JIM DANDY, DEMON AND UNION TOOL CO. BRANDS

Plain Shape—Supplied only in Dayton, Michigan, Jersey, Baltimore Jersey, Kentucky, Southern Kentucky and Baltimore Kentucky Patterns. Black forge finish, labeled.

These axes can also be furnished in USONA and INVINCIBLE brands.
These axes are supplied unhandled or with straight or bent No. 3 hickory, stained handles
Packed—Handled ½ dozen in a crate. Unhandled 1 dozen in a box.

SPECIAL LOW PRICE HAMMERS AND HATCHETS

The items in this line are all carbon steel, drop forged tools far superior to cast goods and priced to meet the large demand for inexpensive household and general purpose tools.

NAIL AND RIPPING HAMMERS

Patterns and Sizes

Bell Face Nail Hammer—Size No. 11½—16 oz. head, 13½ in. handle.
Bell Face Ripping Hammer—Size No. 711½—16 oz. head, 13½ in. handle.

IDEAL BRAND

Polished with necks painted black. Hickory handle lacquered white and labeled. Supplied in Bell Face Nail or Ripping.

UNION TOOL AND JIM DANDY BRANDS

Black Morocco finish with face and bell polished. Hickory handle lacquered white and labeled. Supplied in Bell Face Nail or Ripping.

DEMON BRAND

"Brown Line"

Brown Morocco finish, with face and bell polished. Hickory handle lacquered brown and labeled. Supplied in Bell Face Nail or Ripping.

Packed ½ dozen in a carton, 2 dozen in a case.

BALL PEIN HAMMERS

Sizes

No. 5-0— 4 oz. head, 11½ in. handle
No. 3-0— 8 oz. " 13½ in. "
No. 2-0—12 oz. " 14½ in. "
No. 0 — 1 lb. " 15 in. "
No. 1 — 1¼ lb. " 15½ in. "
No. 2—1½ lb. head, 16½ in. handle
No. 3—1¾ lb. " 17 in. "
No. 4—2 lb. " 17½ in. "
No. 6—2½ lb. " 18 in. "
No. 8—3 lb. " 18 in. "

DEMON BRAND

"Brown Line"

Brown Morocco finish, with polished pein. Hickory handle lacquered brown and labeled.

UNION TOOL BRAND

Black Morocco finish. Hickory handle lacquered and labeled.

12 oz. and lighter: packed ½ dozen in a carton. Other sizes: ⅓ dozen in a carton. All sizes packed in cases of 1 dozen or 2 dozen. We do not break cases.

HATCHETS

Patterns and Sizes

Pattern	Size No.	Cut	Handle
Half Hatchet	1	3¼ in.	13 in.
" "	2	3⅝ "	14 "
Shingling Hatchet	1	3½ "	13 "
" "	2	4 "	14 "
Claw Hatchet	2	4 "	14 "
Broad Hatchet	2	4½ "	15 "
" "	3	5 "	15 "

	DEMON BRAND		UNION TOOL CO. BRAND	
	Brown Morocco Finish Handle Brown Lacquered		*Black Morocco Finish Handle lacquered*	
Pattern	Size	Cat. No.		Cat. No.
Half	1	14		15
"	2	14½		15½
Shingling	1	16		17
"	2	16½		17½
Claw	2	18½		19½
Broad	2	12		13
"	3	12½		13½

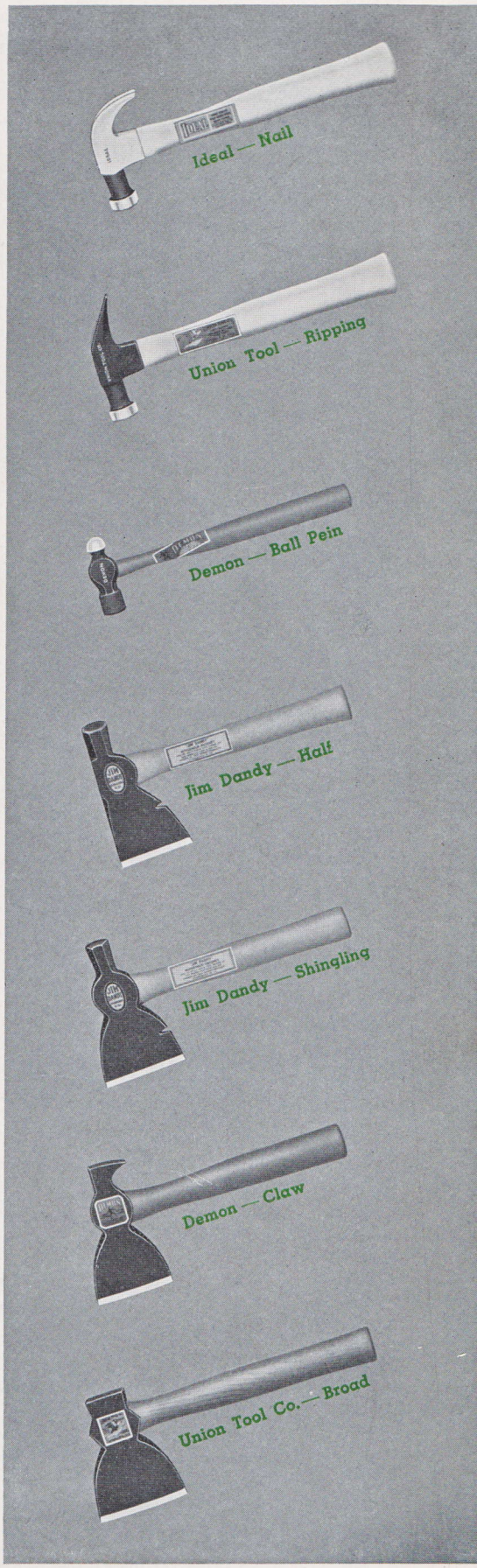
JIM DANDY BRAND

Special Size Hatchets

Attractive black finish, labeled. Handle lacquered green.

Pattern	Cut	Cat. No.	Pattern	Cut	Cat. No.
Shingling	3 in.	190	Half	2¾ in.	390

Packed ½ dozen in a carton, 2 dozen in a case.



OUR complete line of Axes and Allied Tools includes the different brands shown on this page. Each brand is listed alphabetically and according to its proper quality classification.

SINGLE BIT AXES

Kelly Quality

Americanax
Black Raven
Chippewa Chief
Chip Slinger
Columbian
Copper King
Farmers Friend
Flint Edge
Hand Honed
Hand Made
Hottentot
Hunt
Knot Chopper
Lippincott
Robert Mann
Robert Mann "505"
Mountaineer
New Era
Paul Bunyan
Perfect
Red Warrior
Registered
Silver Eagle
Standard
Underhill
Vulcan
World's Finest

Intermediate Grade

Black Chief
Blairs Victor
Champion
Duquesne
Falls City
Niagara
Red Rover
Wood Slasher

Lower Grade

Demon
Invincible
Jim Dandy
Union Tool Co.
Usona

BROAD AXES

Kelly Quality

Blood's
Flint Edge
Peerless
Red Warrior
Standard
Vulcan

ADZES

Kelly Quality

Blood's
Flint Edge
Hunt's
Standard
Vulcan

Intermediate Grade

Champion
Hand Made
Usona

DOUBLE BIT AXES

Kelly Quality

Americanax
Black Raven
Chippewa Chief
Chip Slinger
Columbian
Copper King
Farmers Friend
Flint Edge
Hand Honed
Hand Made
Hottentot
Hunt
Knot Chopper
Lippincott
Robert Mann
Robert Mann "505"
William Mann
Mountaineer
New Era
Perfect
Paul Bunyan
Red Warrior
Registered
Silver Eagle
Standard
Underhill
Vulcan
World's Finest

Intermediate Grade

Black Chief
Blairs Victor
Champion
Duquesne
Falls City
Niagara
Red Rover
Woodslasher

NAIL HAMMERS

Kelly Quality

Flint Edge
Perfect
Vanadium
Vulcan
World's Finest

Intermediate Grade

Champion
Falls City
Hand Made
Yellow Hammer

Lower Grade

Demon
Ideal
Jim Dandy
Union Tool Co.

BUSH HOOKS

Kelly Quality

Blood's
Standard

HATCHETS

Broad, Claw, Flooring, Half, Lath and Shingling

Kelly Quality

Americanax
Black Raven
Blood's
Columbian
Flint Edge
Hunt
Hurd
Perfect
Standard Polished
Standard Bronzed
Underhill
Vanadium
Vulcan
World's Finest

Intermediate Grade

Abe Lincoln
Blair's Victor
Champion
Duquesne
Falls City
Hand Made
Red Rover

Lower Grade

Demon
Jim Dandy
Union Tool Co.

SPECIAL HATCHETS

Kelly Quality

Blood's
Flint Edge
Hurd
Peerless
Standard
Underhill
Vulcan

Intermediate Grade

Duquesne
Hand Made

PICKS, MATTOCKS AND GRUB HOES

Kelly Quality

Hunt's

DITCH BANK BLADES

Kelly Quality

Flint Edge
Perfect

METAL WORKERS' HAMMERS

Kelly Quality

Flint Edge
Perfect
Vulcan
World's Finest

Intermediate Grade

Hand Made

Lower Grade

Demon
Union Tool Co.

MACHETES

Kelly Quality

Marca W. C. Kelly

GRASS HOOKS, GRASS & WEED CUTTERS

Kelly Quality

Perfect
World's Finest

Intermediate Grade

Champion
Hand Made

Lower Grade

Comet
Jim Dandy
Utility

WELDED SCYTHES

Kelly Quality

Black Raven
Blood's
Clipper
Copper King
Flint Edge
Perfect
Sampson
Vulcan
World's Finest
Winner

ONE PIECE SCYTHES

Kelly Quality

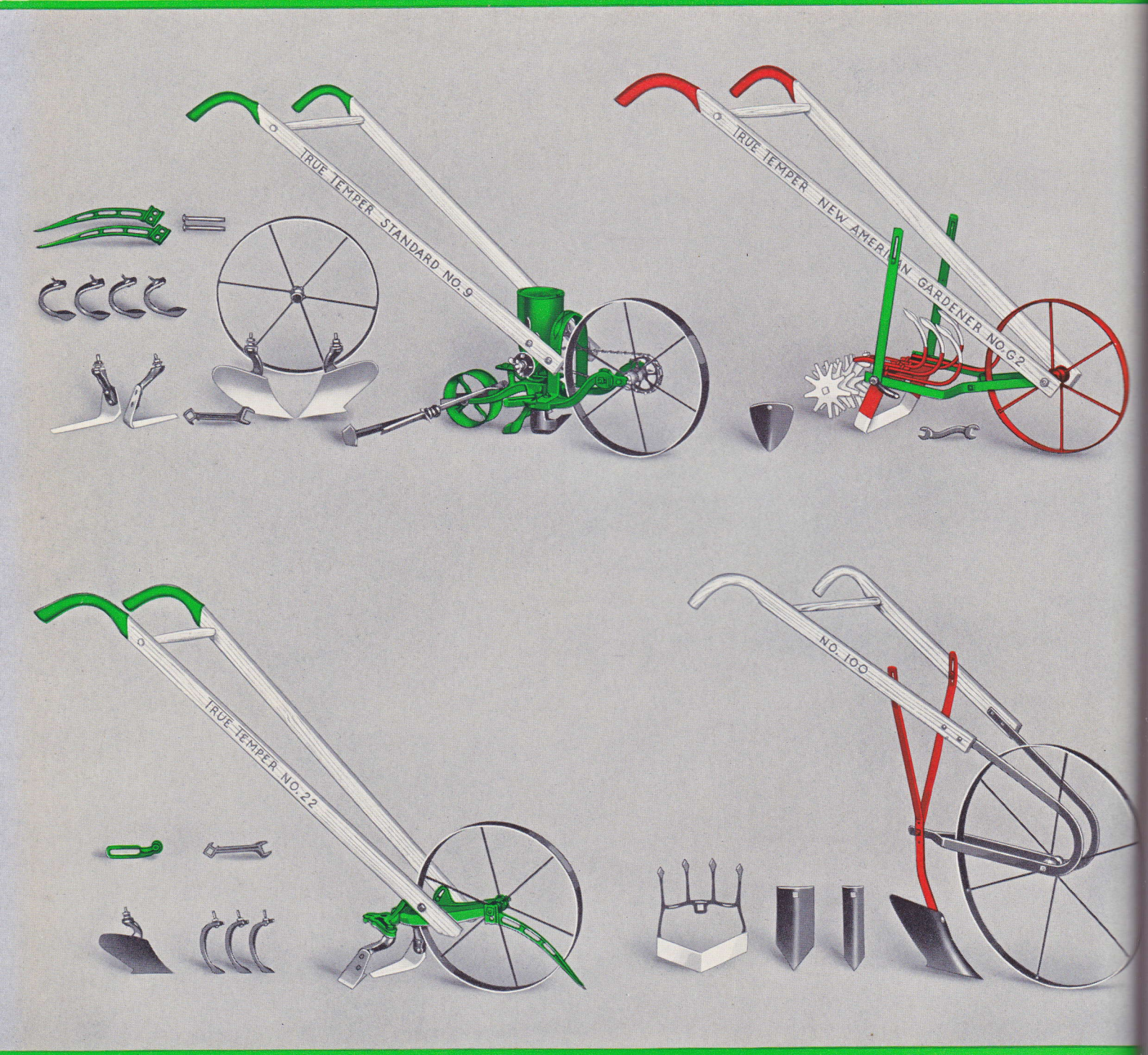
Briar Edge
Clover Leaf
Meadow Lark
Perfect Featherweight

Intermediate Grade

Comet

CULTIVATORS

YEARS of experience have resulted in a line of **TRUE TEMPER** Seeders and Cultivators which adequately meets every conceivable need of both the amateur and professional gardener.



EYE APPEAL combines with many other practical merchandising features to make TRUE TEMPER Seeders and Cultivators an outstanding line of tools.

THE BEST MATERIALS, whether steel or wood, contribute to the sturdy strength which enables them to outlast ordinary tools of this type in the hardest kind of service.

PROPER DESIGN is responsible for the remarkable balance as well as the convenience of adjustment which makes it a pleasure to use any one of these Seeders or Cultivators.

CORRECT CONSTRUCTION with careful attention to each detail insures the quality, right location and workability of every part or attachment and of the whole tool as a unit.

SELECTION VARIETY which offers a tool to fit practically every need or preference is another of the important advantages of this complete line of Seeders and Cultivators.

Important Facts
about Seeders and Cultivators

ANY good piece of machinery needs reasonable care to give lasting and satisfactory service and True Temper Seeders and Cultivators are no exception to this general rule. When selling a new tool, attachments or parts to repair an old one, the dealer is doing his customer a favor if he passes on a few important points about the care and use of the tool.

Because nearly all steel and iron parts will rust if not protected, it is excellent practice to put a drop of oil on all bolts and nuts before storing a Seeder or Cultivator away and it is also best to protect exposed metal parts with covering film of oil when in storage between seasons. Bearings and moving parts should always be oiled and all bolts and nuts kept tight when the tool is in operation to insure free and easy running and proper rigidity for true performance.

Seeders

Seeder Units are more complicated than Cultivators and need special care. It is particularly important that they be set up right at the outset and full instructions are packed with each one. However, the dealer should familiarize himself with these tools so that he can properly demonstrate the method of operation and point out the features deserving special attention. Before using the tool for actual planting, it is a good thing to try it out on a tight floor or a strip of paper to see that the index is correctly set and the seed deposit is uniform.

Caution your customer that he will get best results from any Seeder if he first grades his seed according to size. Of course as a general rule the larger seeds develop into the best plants but the important thing is to avoid excessive variation in size for one hopper load.

True Temper Seeders are dependable and accurate. Any Seeder gives better results in proper soil conditions. Soil should be smooth, well pulverized and dry enough not to stick to the opening plow or the wheels. The hand Seeder should be pushed along at a slow even walk which will give it time to work properly and do an even job of planting.

Our Nos. 9 and 11 Seeders are equipped with hill droppers which will take care of seeds such as Bush or Navy Beans in hills 6, 8, 12 or 24 inches apart. None of our Seeders is recommended for planting Corn.

Cultivators

All True Temper Cultivators excel in quality and satisfactory service but each cultivator in our line whether True Temper quality or lower has been designed from actual experience and to give the best results should be set up according to instructions. The dealer should familiarize himself with these instructions so that he can inform the customer. For example, hoes furnished in pairs do not set exactly opposite each other and when used on both sides of a row should not pass the plant at the same time. This very greatly reduces the danger of tearing out roots or young plants.

Attachments should be kept sharp for the best results. This is almost rule No. 1 with any cultivating tool and yet it is too frequently ignored and can become the cause of complaint. All True Temper attachments are made of High Carbon Steel, Heat-Treated and can be sharpened with a grind stone, emery wheel or touched up with a good file.

These attachments have the advantage of holding their edge longer than ordinary attachments of this kind on the market.

Repair Parts List

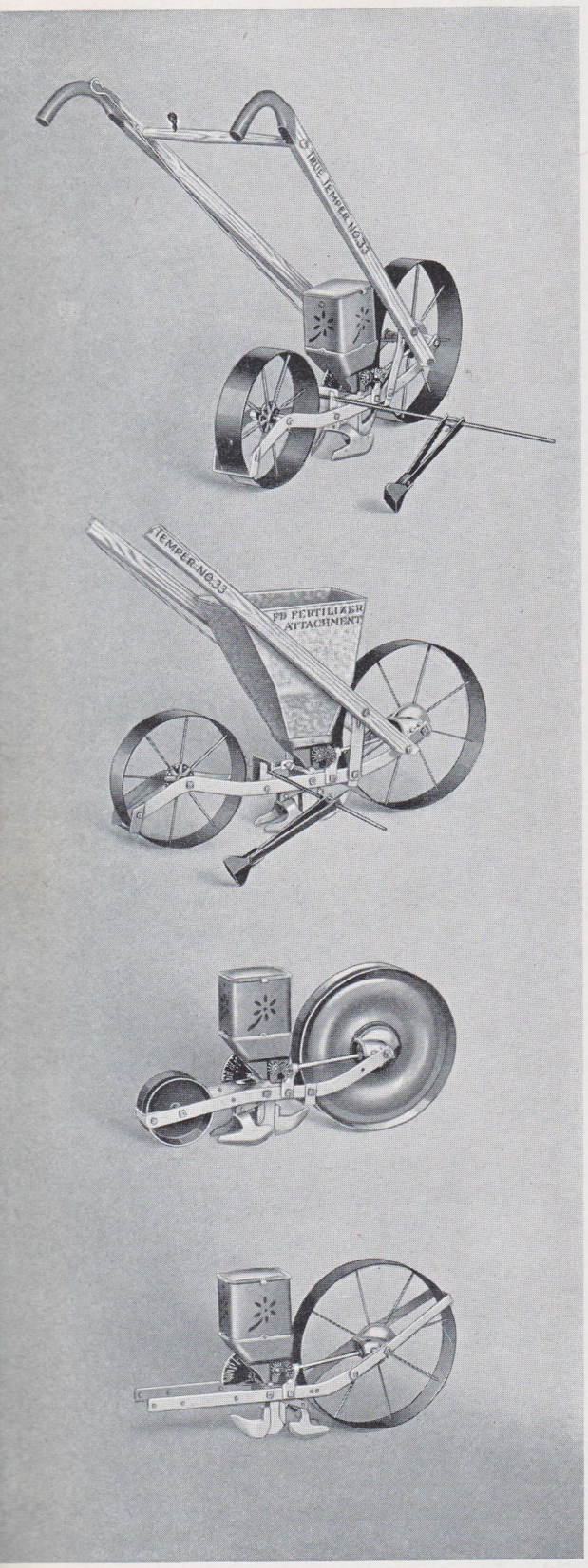
We have prepared a separate bulletin covering a full line of Repair Parts for Cultivators and Seeders.

In the event that you do not receive a copy with this catalog, one will be sent you promptly upon request.

Guarantees

All True Temper Seeders and Cultivators are fully guaranteed against defects in material or workmanship.

Although not covered by the guarantee, each tool in this line below the True Temper Quality is built to give satisfaction and dependable service.



Nos. 33, FD, DU33, RSU33 TRUE TEMPER Shaft Drive Drill Seeders and Drill Seeder Units for Power Equipment, Including Fertilizer Hopper and Spreading Unit, which replaces Seed Hopper.

DRILL SEEDERS AND SEEDER UNITS

Shaft Driven Type

TRUE TEMPER QUALITY

NO. 33 DRILL SEEDER

Seed Hopper	Four Quart Capacity, Detachable.
Front Wheel	Diameter 16 Inches, Rim Width 2¾ Inches.
Rear Wheel	Diameter 12 Inches, Rim Width 2¾ Inches.
Wheel Base	21 Inches.
Handles	Selected Oak, Varnished with Green Painted Grips.
Metal Parts	Enameled Red, Green and Black.
Packed	One in a Wooden Box, Handles Bundled.

Net Wt. 41 Lbs. Shipping Wt. 48 Lbs.

NO. FD FERTILIZER ATTACHMENT

Attaches to No. 33 Seeder and Seeder Units in place of the Seed Hopper.

Fertilizer Hopper	35 Pound Capacity, Detachable, Adjustable Feed.
Finish	Working Parts Green, Hopper Galvanized.
Packed	One in a Carton.

Net Wt. 7 Lbs. Shipping Wt. 10 Lbs.

NO. DU33 DRILL SEEDER UNIT WITH DISC WHEEL
NO. SU33 DRILL SEEDER UNIT WITH 8-SPOKE WHEEL

Designed to be used in gangs of two or more attached to a tractor or sled.

Seed Hopper	Four Quart Capacity, Detachable.
Front Wheel	Diameter 16 Inches, Rim Width 2¾ Inches.
Rear Wheel	Diameter 6½ Inches, Rim Width 3 Inches.
Wheel Base	20 Inches.
Finish	Enameled Red, Green and Black.
Packed	One in a Wooden Box, Completely Set Up.

Net Wt. 30 Lbs. Shipping Wt. 44 Lbs.

NO. RSU33 DRILL SEEDER UNIT WITH 8-SPOKE WHEEL
NO. RDU33 DRILL SEEDER UNIT WITH DISC WHEEL

Designed to operate in reverse direction from Nos. SU33 and DU33 and to be used in gangs of two or more with the frame of the unit attached to the hitch or sled.

Seed Hopper	Four Quart Capacity, Detachable.
Wheel	Diameter 16 Inches, Rim Width 2¾ Inches.
Finish	Enameled Red, Green and Black.
Packed	One in a Wooden Box, Completely Set Up.

Net Wt. 27 Lbs. Shipping Wt. 41 Lbs.

Here is the finest garden seeder available today. It is easy to maintain and efficient to operate.

The four quart seed hopper can be detached by simply turning one lever and lifting it off the frame. The seed shut-off is positive and is operated by the lever extending up the handle. A heavy Chinese bristle brush, the finest seeder brush made, which wipes the seed opening every 5 inches of seed travel, assures continuous and uniform planting. There are two independent sets of brass seeder plates, one with an adjustable pear shaped opening suitable for drilling any size garden seed, the other consisting of brass plates with round holes ranging from 5/64 in. to 24/64 in. diameter. The latter plates will handle the smaller sized seed and make it easy to select a positive seed opening.

For the best results from this or any other Seeder, it is desirable to grade seed so the sizes do not vary excessively.

A shoe or plow adjustable for depth, opens a very narrow furrow and the swinging seed coverer is so designed to give the best results under all soil conditions.

There is a row marker which can be quickly adjusted for rows up to 20 inches apart. All wheels run on steel bushings fitted with dust caps and are kept clean by scrapers. Complete instructions for operating and maintaining are packed with each machine.

The No. 33 Seeder and Seeder Units are in every way TRUE TEMPER products made from the best of materials and properly engineered and constructed. They appeal at once to the man who is in the market for the best and most efficient seeder equipment and the wise dealer always includes this item in his line.

COMBINATION HILL AND DRILL SEEDER

Chain Driven Type
And Double and Single Wheel Cultivator

TRUE TEMPER QUALITY

NO. 9 DRILL AND HILL SEEDER

Combined with Two Wheel Cultivators

Seed Hopper	Two Quart Capacity.
Front Wheel	Diameter 16 Inches, Rim Width 1½ Inches.
Rear Wheel	Diameter 6 Inches, Rim Width 2½ Inches.
Row Marker	Maximum Width Rows 20 Inches.
Handles	Selected Oak, Varnished with Green Painted Grips.
Metal Parts	Enameled Green and Black.

Attachments:

DS11	Right Hand Plow.
DS12	Left Hand Plow.
SS15	Four Steel Shovels.
DS2	Right Hand Hoe.
DS3	Left Hand Hoe.
LG10	Two Vine Turners.
Packed	One in a Carton, Handles Bundled.

Shipping Wt. 51 Lbs.

NO. 913 DRILL AND HILL SEEDER ATTACHMENT

Same Seeder Unit as used on No. 9. May be attached to our No. 13, No. 17 and No. 19 Cultivators, converting each into complete Drill and Hill Seeder Combination.

Seed Hopper	Two Quart Capacity.
Wheel	Diameter 6 Inches, Rim Width 2½ Inches.
Finish	Enameled Green and Black.
Packed	One in a Carton.

Shipping Wt. 25 Lbs.

NO. 11 DRILL AND HILL SEEDER

This is the same tool as the No. 9 except that all cultivator attachments and one 16 inch wheel are eliminated. Description and finish are otherwise identical.

Seed Hopper	Two Quart Capacity.
Front Wheel	Diameter 16 Inches, Rim Width 1½ Inches.
Rear Wheel	Diameter 6 Inches, Rim Width 2½ Inches.
Row Marker	Maximum Width 20 Inches.
Handles	Selected Oak, Varnished with Green Painted Grips.
Metal Parts	Enameled Green and Black.
Packed	One in a Carton. Handles Bundled.

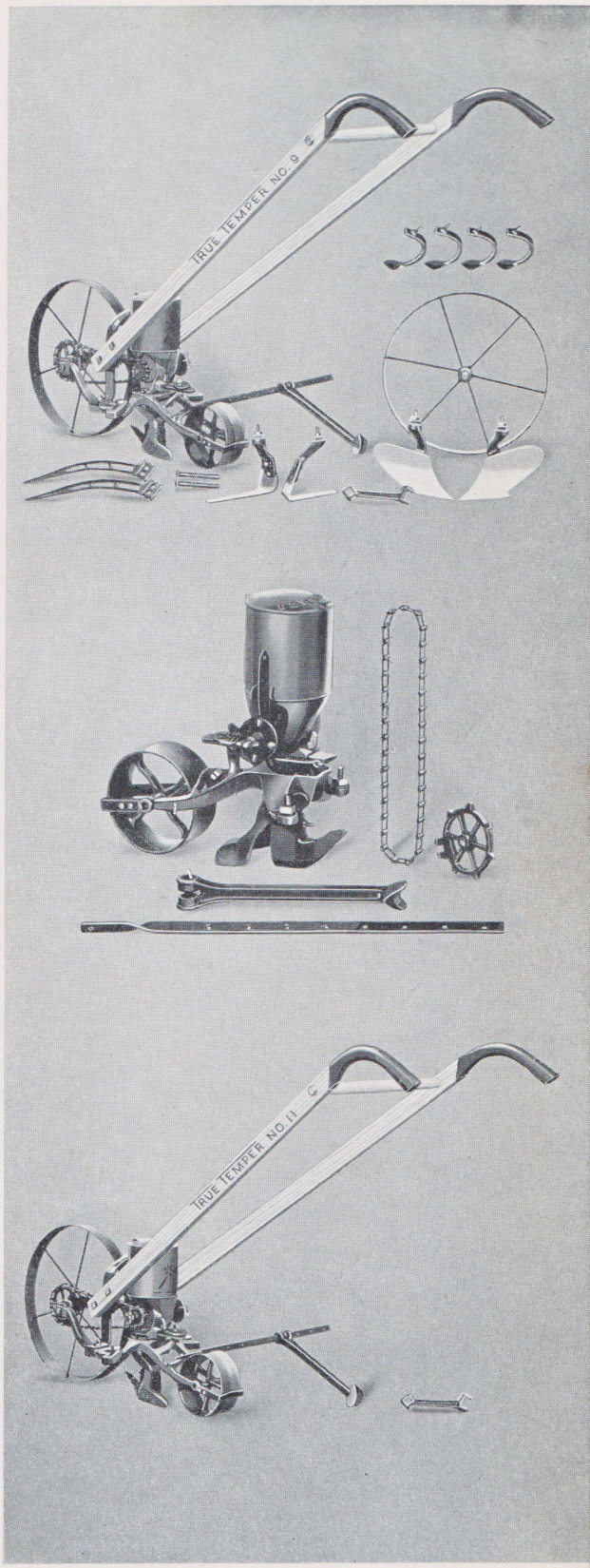
Shipping Wt. 40 Lbs.

Here is an ideal tool for anyone who wants a drill and hill seeder in addition to a cultivator. Should the customer later decide to use it as a cultivator, necessary attachments can be supplied.

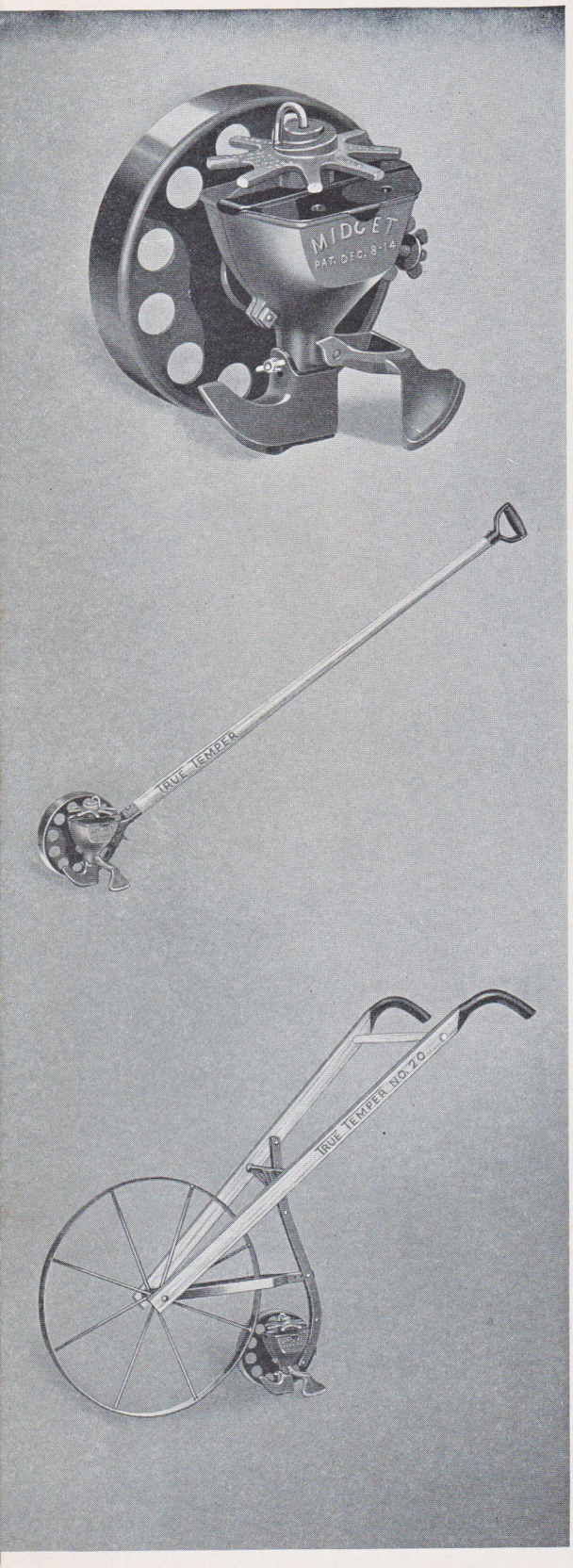
The No. 9 Seeder and Cultivator is a high class tool in every respect, designed and built with characteristic True Temper attention to detail and with a wide variety of combinations to give it all around application. As a general purpose garden tool it meets practically every seeder-cultivator requirement.

As a seeder it will plant almost any kind of garden seed either in a continuous row or hills 6, 8, 12 and 24 inches apart. Seeder index is easily adjusted and fastens firmly when adjusted. The heavy Chinese bristle rotary seed brush, the finest made, insures a regular even flow of seed through the seed plate. The mechanism is driven by a substantial easy running steel chain and the seed is planted in a narrow row properly covered by a swinging coverer and packed by the small concave packing wheel. For the best results from this or any other Seeder, it is desirable to grade seed so the sizes do not vary excessively.

To change the tool from seeder to the cultivator is easily accomplished by removing the seeder unit and bolting the cultivator attachment in place. It may be used as either a single or double wheel cultivator depending on the work to be done. Full directions for the use of this tool are packed with it.



This plate illustrates TRUE TEMPER Drill and Hill Seeders Nos. 9 and 11, together with the Seeder Unit No. 913 which will also operate efficiently attached to Cultivators Nos. 13, 17 and 19.



Illustrating No. 1 Midget Drill Seeder and No. 1H showing the Seeder Attached to a Special Handle. It is also shown attached to True Temper Cultivator No. 20 and will operate efficiently on all of the High Wheel Cultivators in the line as indicated on subsequent pages.

MIDGET DRILL SEEDERS

TRUE TEMPER QUALITY

NO. 1 MIDGET DRILL SEEDER

Seed Hopper....	One Pint Capacity.
Drive Wheel....	Diameter 8 Inches, Disc Type.
Finish.....	Enameled Red, Green and Black.
Packed.....	One in a Carton.

Shipping Weight 6 Lbs.

This seeder will attach to the following cultivators: No. 20 Series, No. L30 and L31 Series, No. 50, L50, 51 and L51 Series, No. 100 and 105 Series. It will also attach to almost any make of high wheel cultivator that has 5½ inches or more of space between the shank and wheel. It is illustrated here attached to the No. 20 Cultivator.

NO. 1H MIDGET DRILL SEEDER

Seed Hopper....	One Pint Capacity.
Drive Wheel....	Diameter 8 Inches, Disc Type.
Handles.....	Natural Lacquered, Ash.
Metal Parts.....	Enameled Red, Green and Black.
Packed.....	One in a Carton. Handles Bundled.

Shipping Weight 8 Lbs.

This seeder is the same as No. 1 Midget except that it is equipped with a 4 ft. natural lacquered Ash handle and can be used without attaching to a cultivator. This is an excellent tool for Greenhouses or Hot Beds or limited space of any sort.

The small gardener who does not want to plant seed by hand but whose limited operations do not justify larger seeder equipment will find these Midget Seeders ideal tools for his purpose. Although small in size they are high grade tools, TRUE TEMPER in every respect. For best results from these Seeders, it is best to grade seed so the sizes do not vary excessively.

They drill practically any vegetable seed to the right depth and will clean out any amount of seed even down to a small package. The seed is fed through an adjustable opening through an upright tube, no brush is used and the hopper has a tight fitting lid. The index is clearly marked and adjusted easily and positively. The entire mechanism is strong, rugged and will last for years.

Shipped completely set up, ready for use. Instructions for operating are packed with each tool.

MIDGET DRILL SEEDERS

TRUE TEMPER QUALITY

NO. 2 MIDGET DRILL SEEDER

Seed Hopper....	One Quart Capacity.
Drive Wheel....	Diameter 10 Inches, Disc Type, Rim Width 1½ Inches.
Finish.....	Enameled Red, Green and Black.
Packed.....	One in a Carton.

Shipping Weight 10 Lbs.

Attaching brackets are packed with each No. 2 Midget Drill Seeder so that it can be used with any cultivator which we make except the T8½ and T10¼ Mulchers.

It is illustrated here attached to No. 20 Single Wheel and to the No. 13 Double Wheel Cultivators. It is not practical for use on a handle.

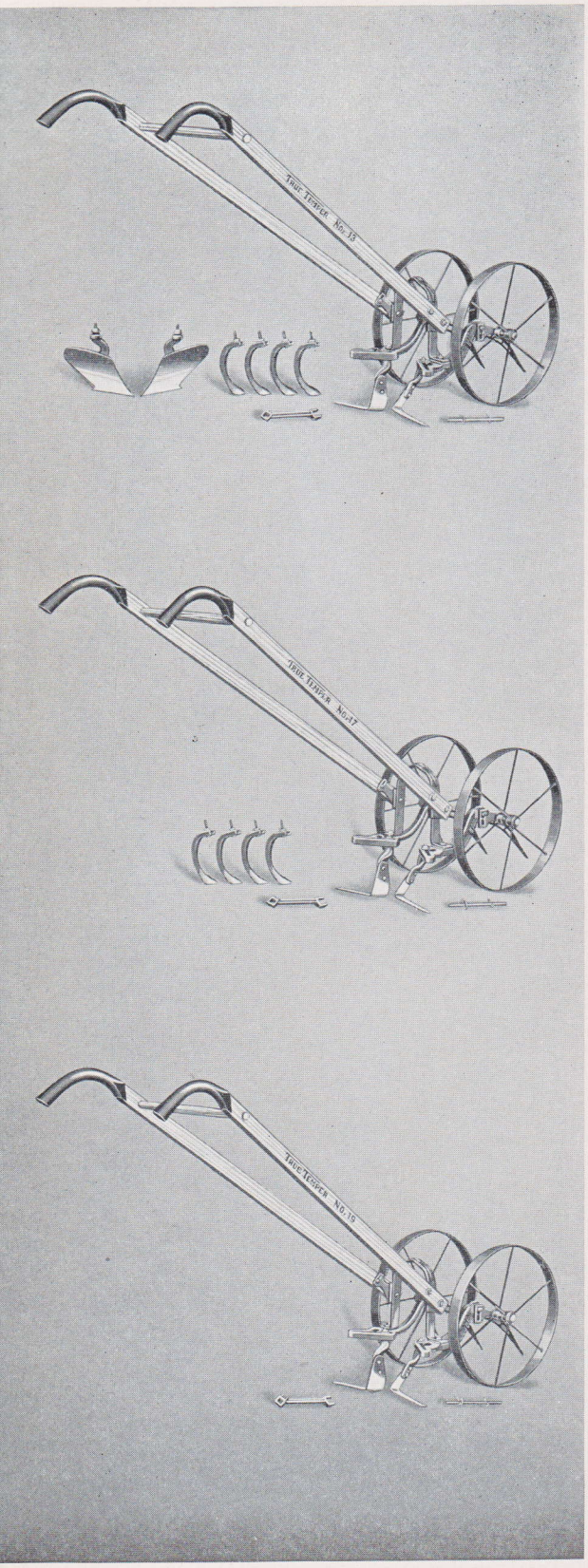
The No. 2 Midget is larger in capacity than the No. 1 and is a very efficient tool for general purpose use by the home gardener. The index is easily set for drilling all the commonly used vegetable seed and many kinds of flower seed. As a matter of fact this tool will drill any seed that can be planted with the larger machines. The seed is fed through adjustable openings in an upright tube, there is no brush and nothing to clog up. The shoe is adjustable for any required depths of planting and the swinging seed coverer works efficiently even in fairly rough soil. The seeder is exactly the same in detail as our No. 1 except that it is just twice the capacity. Directions for operating are packed with each seeder.

These seeds can be planted with any TRUE TEMPER Seeder:

Apple	Collard	Leek	Rice
Asparagus	Chard	Lettuce	Rutabaga
Bean	Cucumber	Melon	Sage
Beet	Dill	Mustard	Soy Bean
Broccoli	Endive	Onion	Savory
Cabbage	Field Peas	Okra	Spinach
Cantaloupe	Flower	Parsnip	Sugar Beet
Carrot	Garlic	Peas	Tomato
Cauliflower	Ginseng	Pepper	Turnip
Celery	Kale	Parsley	
Chives	Kohl-Rabi	Radish	

For the best results from this or any other Seeder, it is desirable to grade seed so the sizes do not vary excessively.

No. 2 Midget Drill Seeder. It is also illustrated attached to Nos. 20 and 13 TRUE TEMPER Cultivators and will operate successfully on most of the Cultivators in the line as indicated on subsequent pages.



TRUE TEMPER Two Wheel Cultivators Nos. 13, 17 and 19 together with the attachments supplied with each

DOUBLE OR SINGLE WHEEL CULTIVATORS

TRUE TEMPER QUALITY

NO. 13 DOUBLE OR SINGLE WHEEL CULTIVATOR

Wheels.....	Diameter 16 Inches, Rim Width 1½ Inches.
Handles.....	Selected Oak, Varnished with Green Painted Grips.
Metal Parts.....	Enameled Green and Black.
Attachments:	
DS11.....	Right Hand Plow.
DS12.....	Left Hand Plow.
SS15.....	Four Steel Shovels.
DS2.....	Right Hand Hoe.
DS3.....	Left Hand Hoe.
LG10.....	Two Vine Turners.
Packed.....	One in a Carton. Handles Bundled.

Shipping Weight 31 Lbs.

NO. 17 DOUBLE OR SINGLE WHEEL CULTIVATOR

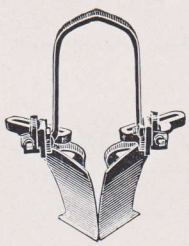
Wheels.....	Diameter 16 Inches, Rim Width 1½ Inches.
Handles.....	Selected Oak, Varnished with Green Painted Grips.
Metal Parts.....	Enameled Green and Black.
Attachments:	
SS15.....	Four Steel Shovels
DS2.....	Right Hand Hoe.
DS3.....	Left Hand Hoe.
LG10.....	Two Vine Turners.
Packed.....	One in a Carton. Handles Bundled.

Shipping Weight 29 Lbs.

NO. 19 DOUBLE OR SINGLE WHEEL CULTIVATOR

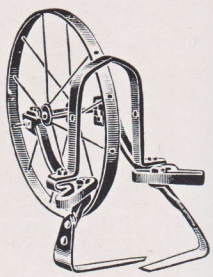
Wheels.....	Diameter 16 Inches, Rim Width 1½ Inches.
Handles.....	Selected Oak, Varnished with Green Painted Grips.
Metal Parts.....	Enameled Green and Black.
Attachments:	
DS2.....	Right Hand Hoe.
DS3.....	Left Hand Hoe.
LG10.....	Two Vine Turners.
Packed.....	One in a Carton. Handles Bundled.

Shipping Weight 27 Lbs.



The figure on the left illustrates the proper way to set the DS11 and DS12 plows for furrowing or trenching.

At the right we have shown the one wheel set-up of these Cultivators together with a pair of hoes turned in to work between rows. These hoes can be adjusted from 10 to 16 inches between outside cutting edges.



Maximum clearance, wide effective working area, a variety of applications, ease of operation and long life are some of the qualities that determine a fine cultivating tool.

These qualities are especially well represented in TRUE TEMPER combination double or single wheel cultivators. The open arched frame and 16 inch wheels provide high clearance for working across rows of well grown vegetables.

Effective cultivating area, of course, depends upon the attachment used and the manner in which it is set. For instance, a pair of hoes turned out and set wide to straddle the row will cut ground over six inches on either side. Turned in, they can be set as wide as sixteen inches between the outside cutting edges.

Not only is it possible to use practically every hand cultivator attachment with these tools but they can also be very handily turned into seeders as well. Either the No. 913 Seeder attachment or the No. 2 Midget Seeder can be used.

The design and balance of the entire unit, the pitch and dependable sharpness of all attachments and the free running wheel or wheels make any one of this series easily operated. Gardeners find it a pleasure to work with them.

All attachments are of high carbon steel, heat-treated, carefully polished and sharpened. This, combined with the properly engineered rigid frame, six spoke wheel and selected oak handles assures long and efficient service if properly cared for. Complete directions are packed with each tool.

SINGLE WHEEL CULTIVATORS

TRUE TEMPER QUALITY

NO. 22 SINGLE WHEEL CULTIVATOR

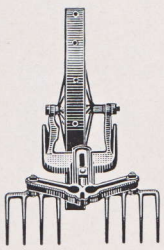
Wheel..... Diameter 16 Inches, Rim Width 1½ Inches.
Handles..... Selected Oak, Varnished with Green Painted Grips.
Metal Parts..... Enameled Green and Black.
Attachments:
SS15..... Three Steel Shovels.
N42..... Plow.
DS2..... Right Hand Hoe.
DS3..... Left Hand Hoe.
LG10..... Vine Turner.
Packed..... One in a Carton. Handles Bundled.
Shipping Weight 22 Lbs.

NO. 23 SINGLE WHEEL CULTIVATOR

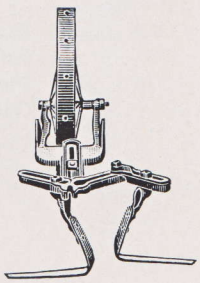
Wheel..... Diameter 16 Inches, Rim Width 1½ Inches.
Handles..... Selected Oak, Varnished with Green Painted Grips.
Metal Parts..... Enameled Green and Black.
Attachments:
SS15..... Three Steel Shovels.
DS2..... Right Hand Hoe.
DS3..... Left Hand Hoe.
LG10..... Vine Turner.
Packed..... One in a Carton. Handles Bundled.
Shipping Weight 19 Lbs.

NO. 24 SINGLE WHEEL CULTIVATOR

Wheel..... Diameter 16 Inches, Rim Width 1½ Inches.
Handles..... Selected Oak, Varnished with Green Painted Grips.
Metal Parts..... Enameled Green and Black.
Attachments:
DS2..... Right Hand Hoe.
DS3..... Left Hand Hoe.
LG10..... Vine Turner.
Packed..... One in a Carton. Handles Bundled.
Shipping Weight 18 Lbs.



These illustrations show the use of the special rake attachments described on page 192 and the method of setting the DS2 and DS3 right and left hand hoes to work both sides of the row, a good arrangement for first cultivation when plants are small.



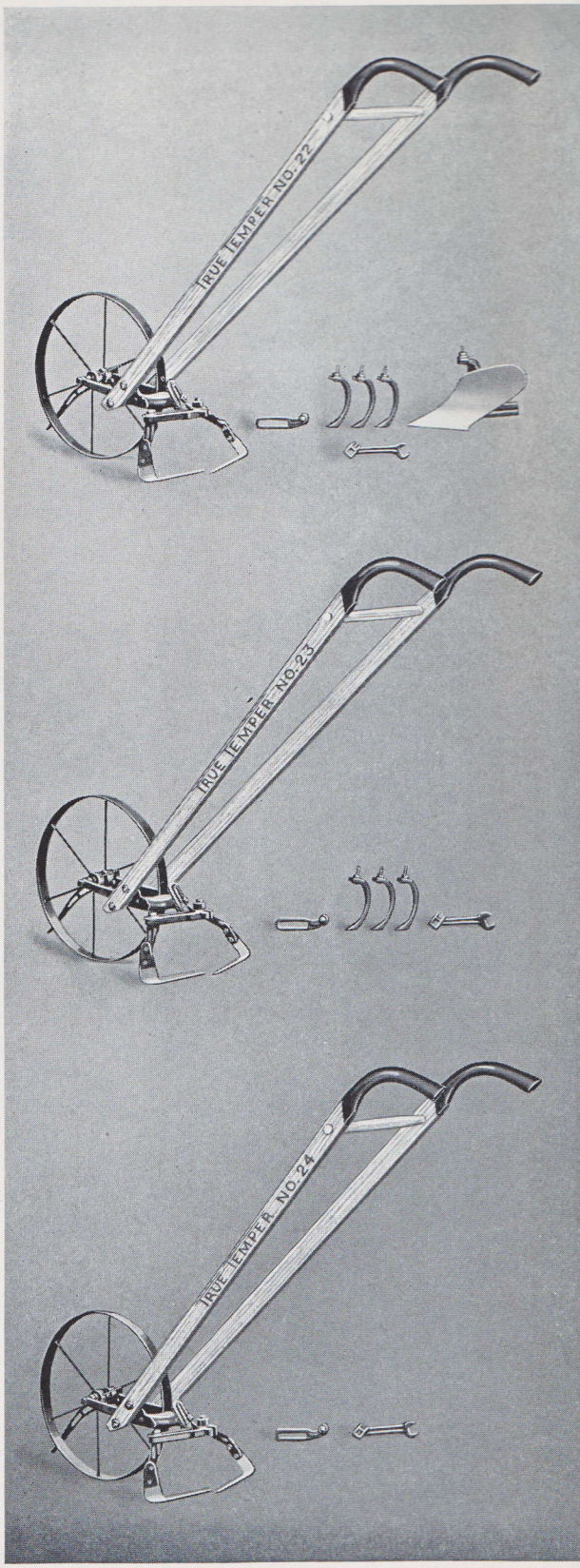
The TRUE TEMPER Single Wheel Cultivators of this series are extremely popular, due to ease of operation, sturdy dependability and also to certain special features.

Because of the low frame and the fact that all attachments are set close to the wheel, these are especially steady tools in operation. Another important feature is the adjustability of the frame which controls the depth of cut for any attachment. For example, the shovels can be used for shallow cultivation or will go in as deep as three inches if desired.

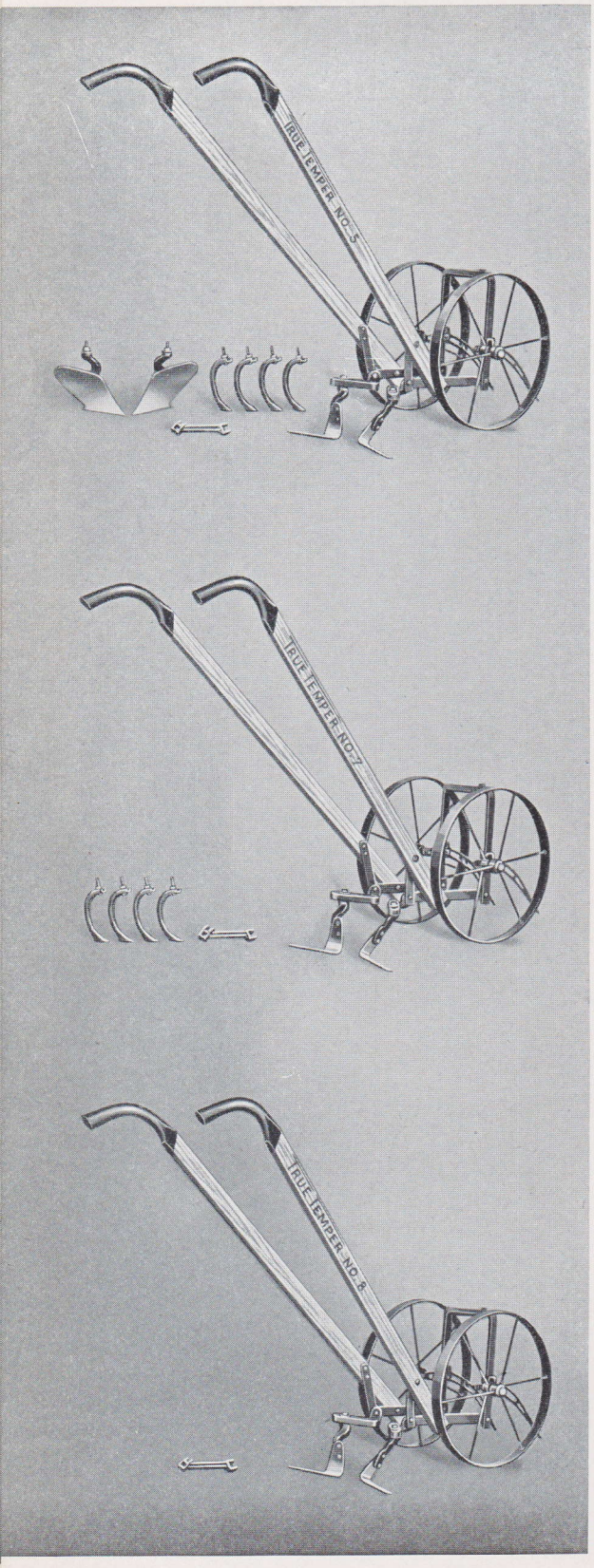
All cultivating attachments are of special steel, heat treated, polished and sharpened. Each will hold an edge indefinitely and can be resharpened if necessary. The plow for the No. 13 has a long landside to prevent side draft. The hoes are, of course, designed for surface cultivation and each will cut six inches of ground.

The No. 2 Midget Seeder can be attached to these cultivators. Since practically all standard cultivating attachments and some special ones can also be used with the tools of this series, they can be fairly said to be among the best all purpose gardening tools of this type.

Full instructions are packed with each complete unit.



TRUE TEMPER Single Wheel Cultivators Nos. 22, 23 and 24, together with the attachments supplied with each.



TRUE TEMPER Two Wheel Spring Beam Cultivators Nos. 5, 7 and 8, together with the attachments supplied with each

SPRING BEAM CULTIVATORS

TRUE TEMPER QUALITY

NO. 5 SPRING BEAM CULTIVATORS

Wheels	Diameter 16 Inches, Rim Width 1½ Inches.
Cultivator Arch	Ground Clearance 15 Inches, Width Adjustable 7 in. to 11 in.
Handles	Selected Oak, Varnished with Green Painted Grips.
Metal Parts	Lacquered Green and Black.
Attachments:	
DS11	Right Hand Plow.
DS12	Left Hand Plow.
SS15	Four Steel Shovels.
DS2	Right Hand Hoe.
DS3	Left Hand Hoe.
LG10	Two Vine Turners.
Packed	One in a Carton. Handles Bundled.

Shipping Weight 31 Lbs.

NO. 7 SPRING BEAM CULTIVATOR

Wheels	Diameter 16 Inches, Rim Width 1½ Inches.
Cultivator Arch	Ground Clearance 15 Inches. Width Adjustable 7 in. to 11 in.
Handles	Selected Oak, Varnished with Green Painted Grips.
Metal Parts	Lacquered Green and Black.
Attachments:	
SS15	Four Steel Shovels.
DS2	Right Hand Hoe.
DS3	Left Hand Hoe.
LG10	Two Vine Turners.
Packed	One in a Carton. Handles Bundled.

Shipping Weight 29 Lbs.

NO. 8 SPRING BEAM CULTIVATOR

Wheels	Diameter 16 Inches, Rim Width 1½ Inches.
Cultivator Arch	Ground Clearance 15 Inches. Width Adjustable 7 in. to 11 in.
Handles	Selected Oak, Varnished with Green Painted Grips.
Metal Parts	Lacquered Green and Black.
Attachments:	
DS2	Right Hand Hoe.
DS3	Left Hand Hoe.
LG10	Two Vine Turners.
Packed	One in a Carton. Handles Bundled.

Shipping Weight 28 Lbs.

TRUE TEMPER Spring Beam Cultivators are in a class by themselves and are highly favored by many gardeners because of their extreme flexibility. The handles are not tied by a cross bar and are bolted to spring beams enabling the operator to close his attachments or move them apart.

This facilitates weeding and cultivating both sides of a row in a manner impossible to any other wheel cultivator. As a matter of fact, the use of this tool practically eliminates hand weeding in a well kept garden.

Although the tool is light and easy to handle, there is nothing flimsy about it. Combining the best steel construction with selected oak handles it will stand any amount of hard use.

Sixteen inch wheels and fifteen inch arch give the cultivator plenty of clearance and the arch is adjustable in width from seven to eleven inches.

No expense is spared in making the attachments for these tools. Made of the best steel and heat treated, all cultivating attachments are polished. The right and left hand plows can be set to throw dirt in or out. The hoes are constructed to move very little dirt away from the rows.

In addition to the attachments illustrated, the No. N41-2 Moldboard Plow and bracket, the No. 41-SS15 Middle Shovel, the four, five and six tooth rakes (see page 192) can be used on these tools. The No. 2 Midget Seeder will also fit this series, making any one of these cultivators a general purpose tool.

Full instructions are packed with each cultivator.

NEW AMERICAN GARDENER CULTIVATORS

TRUE TEMPER QUALITY

NO. G2 NEW AMERICAN GARDENER CULTIVATOR

Wheel..... Diameter 14 Inches, Rim Width 1¼ Inches, Steel Bushed.
Handles..... Selected Oak, Varnished with Red Painted Grips.
Metal Parts... Lacquered Red, Green and Black.
Attachments:
212.... Single Hoe or Sweep.
213.... Shovel 4½ Inches Wide.
229.... Mulcher-Pulverizer, 8½ Inches Wide.
216.... One Center Cultivator Tooth.
215.... Two Medium Cultivator Teeth.
214.... Two Long Cultivator Teeth.
Packed..... One in a Carton. Handles Bundled.
Shipping Weight 23 Lbs.

NO. G2X NEW AMERICAN GARDENER CULTIVATOR

Wheel..... Diameter 14 Inches, Rim Width 1¼ Inches, Steel Bushed.
Handles..... Selected Oak, Varnished with Red Painted Grips.
Metal Parts... Lacquered Red, Green and Black.
Attachments:
223.... Moldboard Plow with Landside.
212.... Single Hoe or Sweep.
213.... Shovel, 4½ Inches Wide.
229.... Mulcher-Pulverizer, 8½ Inches Wide.
216.... One Center Cultivator Tooth.
215.... Two Medium Cultivator Teeth.
214.... Two Long Cultivator Teeth.
Packed..... One in a Carton. Handles Bundled.
Shipping Weight 26 Lbs.

SEEDER ATTACHMENT FOR NEW AMERICAN GARDENER CULTIVATOR

A special bracket is furnished with each No. 2 Midget Seeder for attaching to this cultivator. With this combination the New American Gardener is a tool which meets every small garden requirement from seed time to harvest. For complete description of No. 2 Midget Drill turn to Page 179.

This TRUE TEMPER New American Gardener might well be called the "quick change" cultivator although the speed with which its attachments can be shifted is probably less important than the ease and convenience of accomplishing the change.

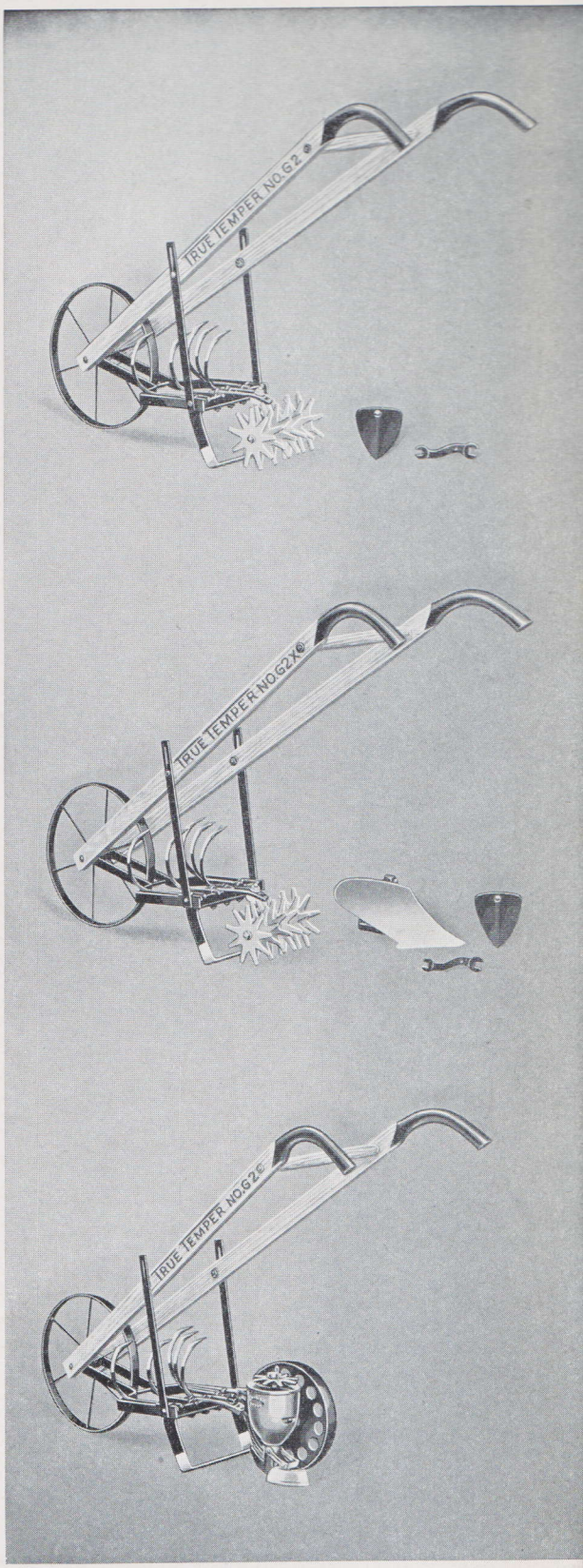
Three complete attachments are fastened to a revolving head which is clamped and held in position by a bolt with a tail nut. As illustrated they are a complete set of cultivator teeth, a scuffle hoe and a mulcher-pulverizer. It requires only about a minute to set anyone of these attachments for use.

In addition there is a 4½ inch shovel and on the G2X a large Moldboard plow with landside. Either of these will replace one of the three attachments on the revolving head. The No. 2 Midget Seeder can also be used by means of a special bracket furnished, making this a combination garden outfit to meet every need from seed time to harvest.

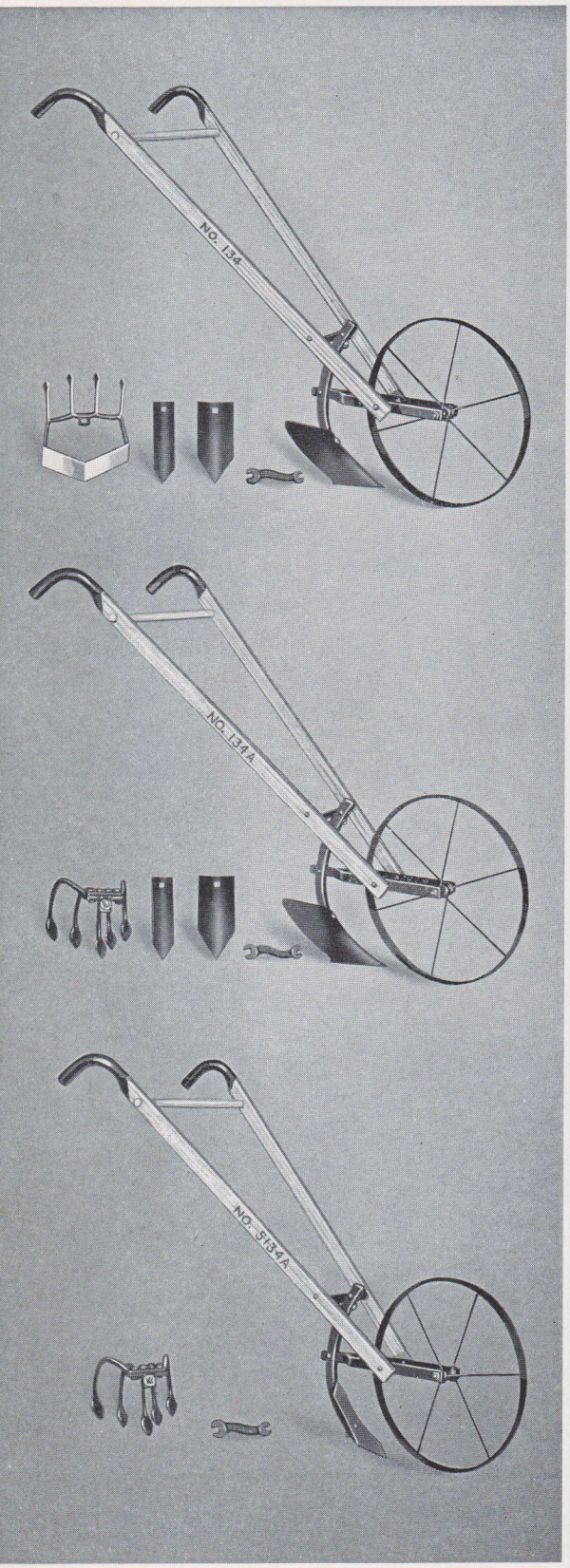
It is so easy to operate, too. The hub of the fourteen inch wheel turns freely in a special steel bushing. Handle heights are simply adjusted so that the tool can be used by man or boy.

All in all here is a cultivator that really makes gardening a pleasure, saving time and labor and requiring less effort to operate. Attractively finished, these efficient tools are a source of justifiable pride to their owners.

Full instructions are packed with each cultivator.



TRUE TEMPER New American Gardener Cultivators Nos. G2 and G2X, together with the additional attachments supplied with each. This is a general purpose cultivator with three tillage tools attached to a revolving head.



Southern Gardener Single Wheel Cultivators Nos. 134, 134A and S134A, together with the attachments supplied with each.

SOUTHERN GARDENER CULTIVATORS

NO. 134 SOUTHERN GARDENER CULTIVATOR

Wheel.....	Diameter 18 Inches, Convex Rim Width 1¼ Inches.
Handles.....	Oak, Varnished, Red Painted Grips.
Metal Parts...	Lacquered Red and Black.
Attachments:	
C2.....	Moldboard Plow.
C1.....	Shovel, 4 Inches Wide.
C4.....	Shovel, 2 Inches Wide.
LR6.....	Rake and Sweep, 8¼ Inches Wide.
Packed.....	One in a Carton.

Shipping Weight 18 Lbs.

NO. 134A SOUTHERN GARDENER CULTIVATOR

Wheel.....	Diameter 18 Inches, Convex Rim Width 1¼ Inches.
Handles.....	Oak, Varnished, Red Painted Grips.
Metal Parts...	Lacquered Red and Black.
Attachments:	
C2.....	Moldboard Plow.
C1.....	Shovel, 4 Inches Wide.
C4.....	Shovel, 2 Inches Wide.
IGC28.....	5 Prong Cultivator, Works 9 Inches of Ground.
Packed.....	One in a Bundle.

Shipping Weight 18½ Lbs.

NO. S134A SOUTHERN GARDENER CULTIVATOR

Wheel.....	Diameter 18 Inches, Convex Rim Width 1¼ Inches.
Handles.....	Oak, Varnished, Red Painted Grips.
Metal Parts...	Lacquered Red and Black.
Attachments:	
PX12.....	Double End Shovel.
IGC28.....	5 Prong Cultivator, Works 9 Inches of Ground.
Packed.....	One in a Bundle.

Shipping Weight 17 Lbs.

For the gardener who cannot be sold the premium value of TRUE TEMPER Quality, here are good serviceable tools at slightly more modest cost. We can heartily recommend them as superior to other makes in the same price class.

The wheel runs on a special steel bushing and has six tangent spokes. The rigidly constructed frame is made of steel one inch wide by ¼ inch thick and is so designed as to allow a great range of adjustment. This construction combined with the sturdy oak handles assures long efficient service under all conditions. Properly cared for, one of these tools will last indefinitely.

All attachments are made of good steel with ample working dimensions and can be depended upon for long wear and efficient service even with continual hard usage.

The No. 2 Midget Seeder can be used with any cultivator in this series, a fact which further increases the possibilities of these tools by extending the variety of applications.

Full instructions go out with each complete unit.

SINGLE WHEEL and ROTARY MULCHER CULTIVATORS

TRUE TEMPER QUALITY

NO. 20 SINGLE WHEEL CULTIVATOR

Wheel.....	Diameter 24 Inches, Rim Width 1¼ Inch.
Handles.....	Selected Oak, Varnished, Green Painted Grips.
Metal Parts...	Lacquered Red, Green and Black.
Attachments:	
M30.....	Moldboard Plow with Landside, Cuts 4 Inches of Ground.
X12.....	Double Point Shovel, Narrow End 2 In. Wide, Wide End 3½ In.
R6.....	Combined Rake and Sweep, 8¼ Inches Wide.
Packed.....	One in a Bundle.

Shipping Weight 19 Lbs.

NO. 20A SINGLE WHEEL CULTIVATOR

Wheel.....	Diameter 24 Inches, Rim Width 1¼ Inches.
Handles.....	Selected Oak, Varnished, Green Painted Grips.
Metal Parts...	Lacquered Red, Green and Black.
Attachments:	
M30.....	Moldboard Plow with Landside, Cuts 4 Inches of Ground.
X12.....	Double Point Shovel, Narrow End 2 In. Wide, Wide End 3½ In.
IGC28.....	5 Prong Cultivator, Works 9 Inches of Ground.
Packed.....	One in a Bundle.

Shipping Weight 20 Lbs.

NO. 20B SINGLE WHEEL CULTIVATOR

Wheel.....	Diameter 24 Inches, Rim Width 1¼ Inches.
Handles.....	Selected Oak, Varnished, Green Painted Grips.
Metal Parts...	Lacquered Red, Green and Black.
Attachments:	
M30.....	Moldboard Plow with Landside, Cuts 4 Inches of Ground.
X12.....	Double Point Shovel, Narrow End 2 In. Wide, Wide End 3½ In.
E5.....	Three Shovel Attachment, Blades 1½x8 In. Works 8 In. Ground.
Packed.....	One in a Bundle.

Shipping Weight 20 Lbs.

These tools are unequaled in their class and carry our strongest recommendations and guarantee.

The shank, or upright, is so designed that attachments always set at the same angle in deep or shallow cultivating. The handles adjust to height simply by loosening one tail nut. The whole tool is nicely balanced and runs easily. Packed flat, for shipping, each tool is quickly assembled by removing from the bundle and replacing two bolts.

All attachments are of special steel, heat treated and carefully polished. This treatment insures clean scouring in any soil. The No. 2 Midget Seeder is also available for use on any tool in this series, *see Page 179.*

T8½ ROTARY MULCHER CULTIVATOR

Handle.....	Selected, Varnished, Horizontal Grips.
Metal Parts...	Aluminum, Red and Green.
Mulcher.....	8½ Inches Wide, 8¼ Inches Diameter.
Packed.....	One in a Carton. Handles Separate Bundle.

Shipping Weight 17 Lbs.

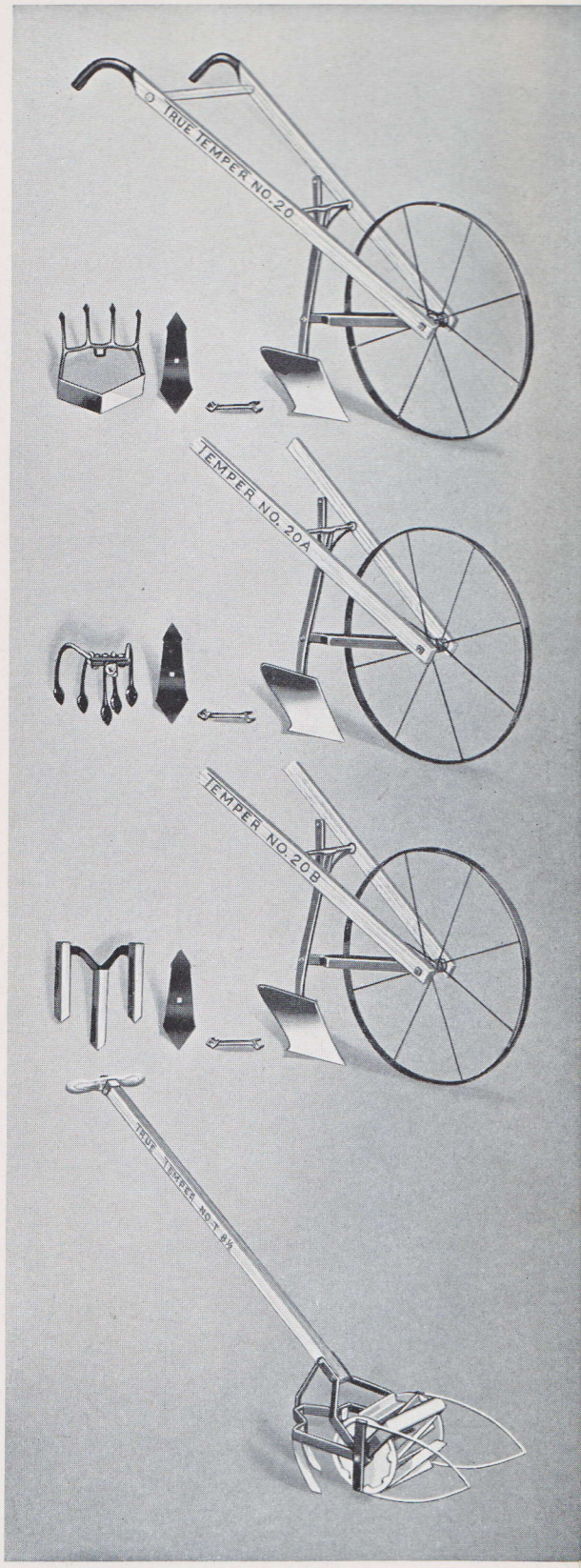
T10¼ ROTARY MULCHER CULTIVATOR

Handle	Selected, Varnished, Horizontal Grips.
Metal Parts...	Aluminum, Red and Green.
Mulcher.....	10¼ Inches Wide, 8¼ Inches Diameter.
Packed.....	One in a Carton. Handles Separate Bundle.

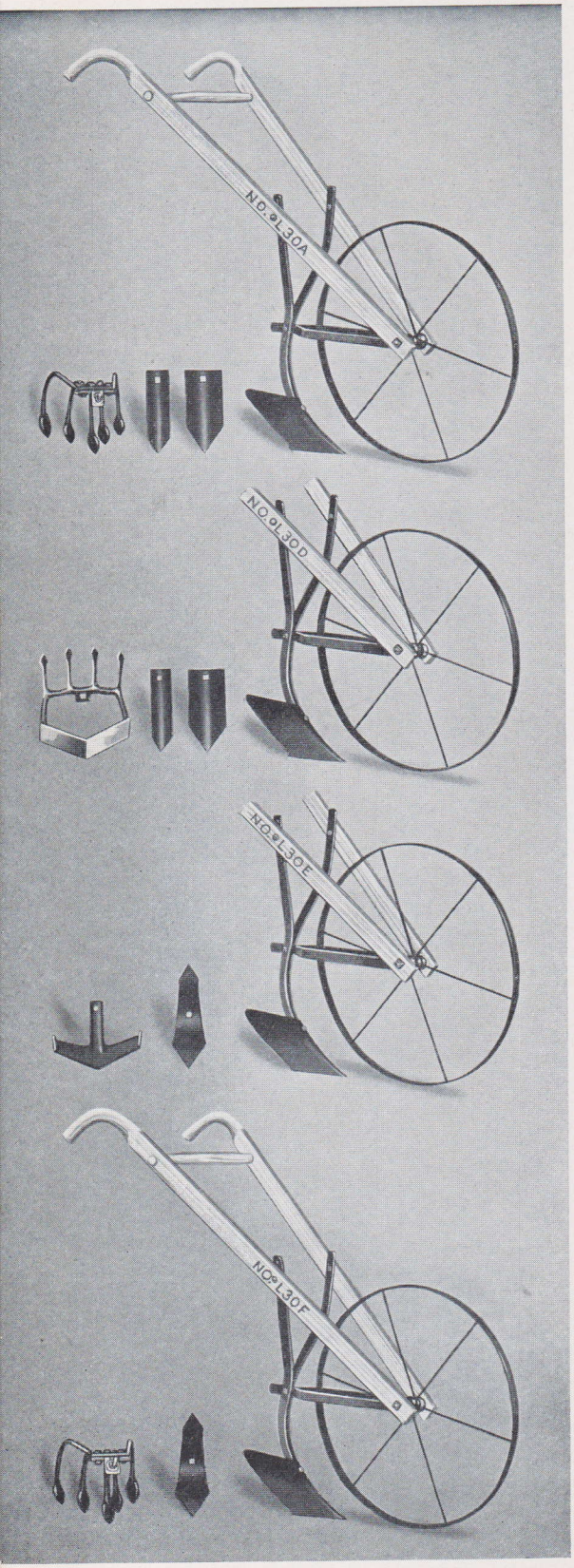
Shipping Weight 18 Lbs.

The increasing popularity of the mulcher is noticeable in the growing demand for this type of tool. Here is a combination TRUE TEMPER unit which belongs in every dealer's line.

Reel blades with rounded corners affixed to thin reel heads prevent dirt from adhering and clogging and will not dig into "soft earth." The reversible scuffle hoe is sharpened on both edges and the cultivating shovels are spaced to leave the ground level. Both are polished.



This plate illustrates the TRUE TEMPER Single Wheel Cultivators Nos. 20, 20A, 20B, together with the attachments supplied with each and the TRUE TEMPER Rotary Mulcher Cultivator No. T8½.



Standard Single Wheel Cultivators Nos. L30A, L30D, L30E and L30F with the attachments supplied with each.

STANDARD SINGLE WHEEL CULTIVATORS

NO. L30A STANDARD SINGLE WHEEL CULTIVATOR

Wheel	Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles	Oak, Varnished.
Metal Parts	Lacquered Green and Black.
Attachments:	
C2	Moldboard Plow.
C1	Shovel, 4 Inches Wide.
C4	Shovel, 2 Inches Wide.
IGC28X	5 Prong Cultivator, Works 9 Inches of Ground.
Packed	One in a Bundle.

Shipping Weight 19 Lbs.

NO. L30D STANDARD SINGLE WHEEL CULTIVATOR

Wheel	Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles	Oak, Varnished.
Metal Parts	Lacquered Green and Black.
Attachments:	
C2	Moldboard Plow.
C1	Shovel, 4 Inches Wide.
C4	Shovel, 2 Inches Wide.
LR6	Combined Rake and Sweep.
Packed	One in a Bundle.

Shipping Weight 18 Lbs.

NO. L30E STANDARD SINGLE WHEEL CULTIVATOR

Wheel	Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles	Oak, Varnished.
Metal Parts	Lacquered Green and Black.
Attachments:	
C2	Moldboard Plow.
PX12	Double End Shovel.
317	Scuffle Hoe or Sweep.
Packed	One in a Bundle.

Shipping Weight 17 Lbs.

NO. L30F STANDARD SINGLE WHEEL CULTIVATOR

Wheel	Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles	Oak, Varnished.
Metal Parts	Lacquered Green and Black.
Attachments:	
C2	Moldboard Plow.
PX12	Double End Shovel.
IGC28X	5 Prong Cultivator, Works 9 Inches of Ground.
Packed	One in a Bundle.

Shipping Weight 18 Lbs.

Although lacking some of the points of refinement and special features which characterize TRUE TEMPER tools, these cultivators are carefully designed and well made. We do not hesitate to recommend them where price must be a consideration.

They are light, well balanced and easy to operate. Ample adjustment facilities control the pitch of attachments and handle height. Built of selected materials these cultivators are sturdy machines and will give a lot of service under all sorts of conditions.

The wheel runs on a special bushing and has six tangent spokes.

Attachments are given a smooth tumbled finish and lacquered and are sufficiently varied in design to meet practically all the needs of the average gardener. The fact that both No. 1 and No. 2 Midget Seeders can be used on the tools of this series further extends their possibilities for all around service, see Page 179.

STANDARD SINGLE WHEEL CULTIVATORS

NO. L31A STANDARD SINGLE WHEEL CULTIVATOR

Wheel..... Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles..... Channel Steel, Malleable Grips, Lacquered Green.
Frame..... Lacquered Red and Black.
Attachments:
C2.... Moldboard Plow.
C1.... Shovel, 4 Inches Wide.
C4.... Shovel, 2 Inches Wide.
IGC28X.... Five Prong Cultivator, Works 9 Inches of Ground.
Packed..... One in a Bundle.

Shipping Weight 20 Lbs.

NO. L31D STANDARD SINGLE WHEEL CULTIVATOR

Wheel..... Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles..... Channel Steel, Malleable Grips, Lacquered Green.
Frame..... Lacquered Red and Black.
Attachments:
C2.... Moldboard Plow.
C1.... Shovel, 4 Inches Wide.
C4.... Shovel, 2 Inches Wide.
LR6.... Combined Rake and Sweep.
Packed..... One in a Bundle.

Shipping Weight 19 Lbs.

NO. L31E STANDARD SINGLE WHEEL CULTIVATOR

Wheel..... Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles..... Channel Steel, Malleable Grips, Lacquered Green.
Frame..... Lacquered Red and Black.
Attachments:
C2.... Moldboard Plow.
PX12.... Double End Shovel.
317.... Scuffle Hoe or Sweep.
Packed..... One in a Bundle.

Shipping Weight 18 Lbs.

NO. L31F STANDARD SINGLE WHEEL CULTIVATOR

Wheel..... Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles..... Channel Steel, Malleable Grips, Lacquered Green.
Frame..... Lacquered Red and Black.
Attachments:
C2.... Moldboard Plow.
PX12.... Double End Shovel.
IGC28X.... 5 Prong Cultivator, Works 9 Inches of Ground.
Packed..... One in a Bundle.

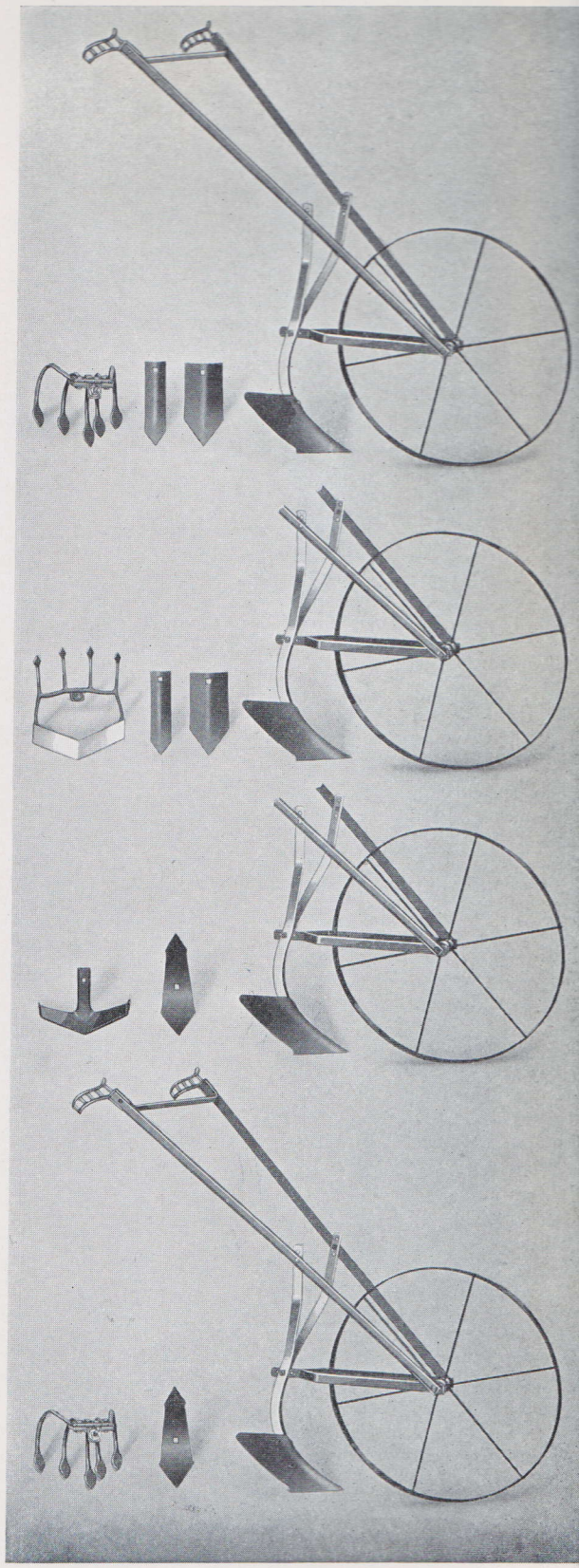
Shipping Weight 19 Lbs.

Here is another group of rugged, built for service but moderate priced cultivators. They are made entirely of steel including channel steel handles with No. H13 malleable grips. If desired No. H2 round grips can be substituted (See Page 192).

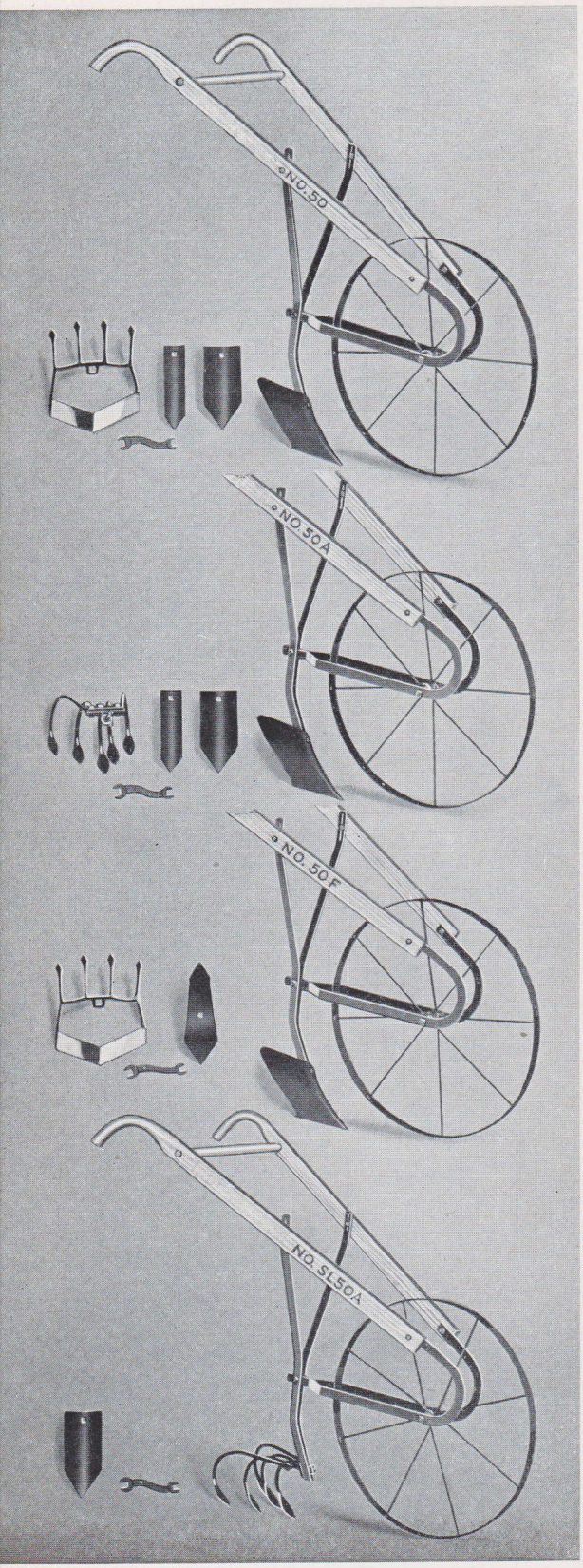
Wheel runs on a special steel bushing and has six round staggered spokes. Cultivating tools are accurately formed of special steel, tumbled, lacquered and carefully sharpened, ready for use. All attachments are quickly applied and readily set. All necessary adjustments are handily made.

Nos. 1 and 2 Midget Seeders (See Page 179) may be used with all of this series, rounding out a possible wide range of uses.

These all metal cultivators are attractively finished and readily salable because of their handsome appearance and obviously practical features.



This plate illustrates another group of Standard Single Wheel Cultivators Nos. L31A, L31B, L31E and L31F together with the attachments supplied with each.



Illustrating a very satisfactory tool, the Imperial High Wheel Cultivators Nos. 50, L50, 50A, L50A, 50F, L50F and SL50A, together with the attachments supplied with each.

IMPERIAL HIGH WHEEL CULTIVATORS

NO. 50 IMPERIAL HIGH WHEEL CULTIVATOR
Polished Attachments

NO. L50 IMPERIAL HIGH WHEEL CULTIVATOR
Lacquered Attachments

Wheel..... Diameter 24 Inches, Flat Rim Width 1¼ Inches.
Handles..... Oak, Varnished.
Metal Parts... Lacquered Red, Green and Black.
Attachments:
C2L.... Moldboard Plow with Landside.
C1.... Shovel, 4 Inches Wide.
C4.... Shovel, 2 Inches Wide.
R6.... Combined Rake and Sweep, 8½ Inches Wide.
Packed..... One in a Bundle.
Shipping Weight 21½ Lbs.

NO. 50A IMPERIAL HIGH WHEEL CULTIVATOR
Polished Attachments

NO. L50A IMPERIAL HIGH WHEEL CULTIVATOR
Lacquered Attachments

Wheel..... Diameter 24 Inches, Flat Rim Width 1¼ Inches.
Handles..... Oak, Varnished.
Metal Parts... Lacquered Red, Green and Black.
Attachments:
C2L.... Moldboard Plow with Landside.
C1.... Shovel, 4 Inches Wide.
C4.... Shovel, 2 Inches Wide.
IGC28.... Five Prong Cultivator, Works 9 Inches of Ground.
Packed..... One in a Bundle.
Shipping Weight 22 Lbs.

NO. 50F IMPERIAL HIGH WHEEL CULTIVATOR
Polished Attachments

NO. L50F IMPERIAL HIGH WHEEL CULTIVATOR
Lacquered Attachments

Wheel..... Diameter 24 Inches, Flat Rim Width 1¼ Inches.
Handles..... Oak, Varnished.
Metal Parts... Lacquered Red, Green and Black.
Attachments:
C2L.... Moldboard Plow with Landside.
PX12.... Double End Shovel.
R6.... Combined Rake and Sweep.
Packed..... One in a Bundle.
Shipping Weight 21 Lbs.

NO. SL50A IMPERIAL HIGH WHEEL CULTIVATOR
Lacquered Attachments

Wheel..... Diameter 24 Inches, Flat Rim Width 1¼ Inches.
Handles..... Oak, Varnished.
Metal Parts... Lacquered Red, Green and Black.
Attachments:
C1.... Shovel, 4 Inches Wide.
IGC28.... Five Prong Cultivator, Works 9 Inches of Ground.
Packed..... One in a Bundle.
Shipping Weight 20 Lbs.

The Imperial Cultivator is a sturdy, efficient tool at a reasonable price.

All cultivating attachments are carefully made of special steel, sharpened for immediate use, and are available, polished or lacquered as desired. The wheel has 8 staggered spokes.

A wood rung mortised through the oak handles gives the unit strength and rigidity. These attractively finished cultivators are dependable tools, serviceable anywhere in the country regardless of soil conditions.

They will do practically everything in a garden except plant the seed and by attaching either a No. 1 or a No. 2 Midget Seeder that detail will be very efficiently handled.

We recommend these Imperials as a profitable addition to any dealer's line of hand cultivators.

ZENITH HIGH WHEEL CULTIVATORS

NO. 51 ZENITH HIGH WHEEL CULTIVATOR
Polished Attachments

NO. L51 ZENITH HIGH WHEEL CULTIVATOR
Lacquered Attachments

Wheel.....	Diameter 24 Inches, Flat Rim Width 1¼ Inches.
Handles.....	Channel Steel, Malleable Grips, Lacquered Green.
Frame.....	Lacquered Red, Green and Black.
Attachments:	
C2L....	Moldboard Plow with Landside.
C1....	Shovel, 4 Inches Wide.
C4....	Shovel, 2 Inches Wide.
R6....	Combined Rake and Sweep, 8½ Inches Wide.
Packed.....	One in a Bundle.

Shipping Weight 24 Lbs.

NO. 51A ZENITH HIGH WHEEL CULTIVATOR
Polished Attachments

NO. L51A ZENITH HIGH WHEEL CULTIVATOR
Lacquered Attachments

Wheel.....	Diameter 24 Inches, Flat Rim Width 1¼ Inches.
Handles.....	Channel Steel, Malleable Grips, Lacquered Green.
Frame.....	Lacquered Red, Green and Black.
Attachments:	
C2L....	Moldboard Plow with Landside.
C1....	Shovel, 4 Inches Wide.
C4....	Shovel, 2 Inches Wide.
IGC28....	Five Prong Cultivator. Works 9 Inches of Ground.
Packed.....	One in a Bundle.

Shipping Weight 25 Lbs.

NO. 51F ZENITH HIGH WHEEL CULTIVATOR
Polished Attachments

NO. L51F ZENITH HIGH WHEEL CULTIVATOR
Lacquered Attachments

Wheel.....	Diameter 24 Inches, Flat Rim Width 1¼ Inches.
Handles.....	Channel Steel, Malleable Grips, Lacquered Green.
Frame.....	Lacquered Red, Green and Black.
Attachments:	
C2L....	Moldboard Plow with Landside.
PX12....	Double End Shovel.
R6....	Combined Rake and Sweep.
Packed.....	One in a Bundle.

Shipping Weight 24 Lbs.

NO. SL51A ZENITH HIGH WHEEL CULTIVATOR

Wheel.....	Diameter 24 Inches, Flat Rim Width 1¼ Inches.
Handles.....	Channel Steel, Malleable Grips, Lacquered Green.
Frame.....	Lacquered Red, Green and Black.
Attachments:	
C1....	Shovel, 4 Inches Wide.
IGC28....	Five Prong Cultivator, Works 9 Inches of Ground.
Packed.....	One in a Bundle.

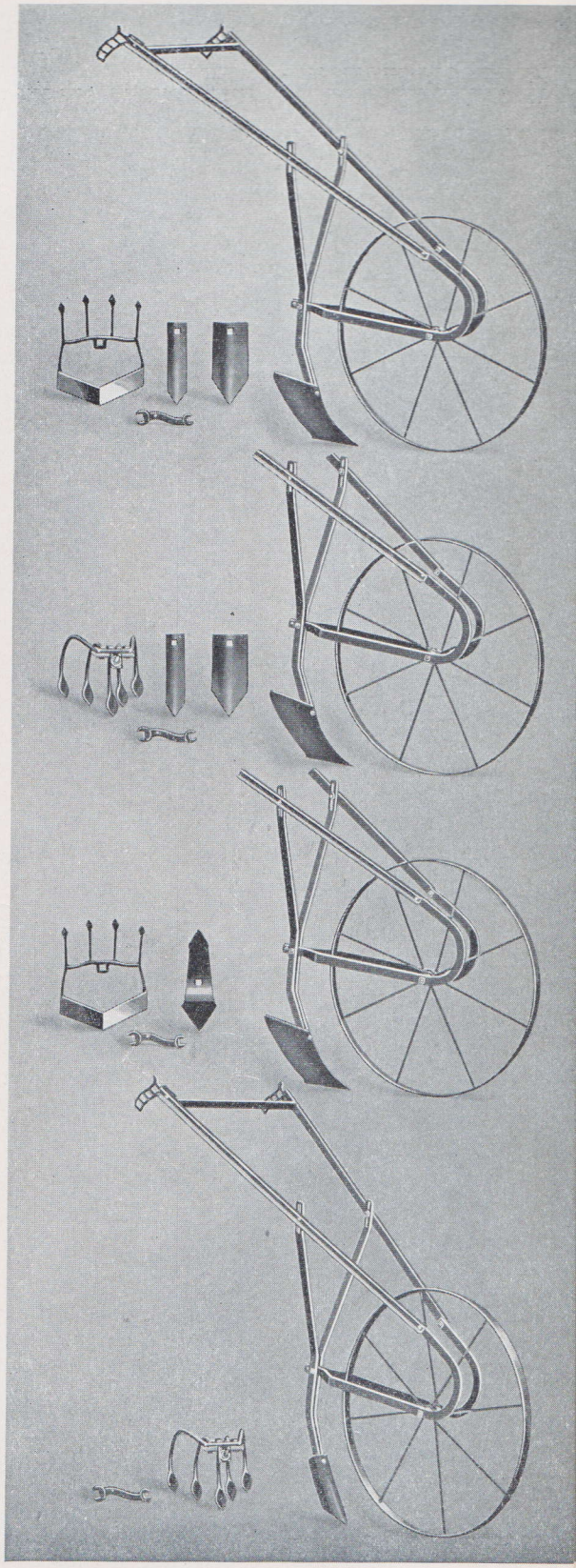
Shipping Weight 23 Lbs.

Here is another group of all metal cultivators of which we are justly proud. They are well manufactured, high grade tools, beautifully finished and sure to give satisfaction in service.

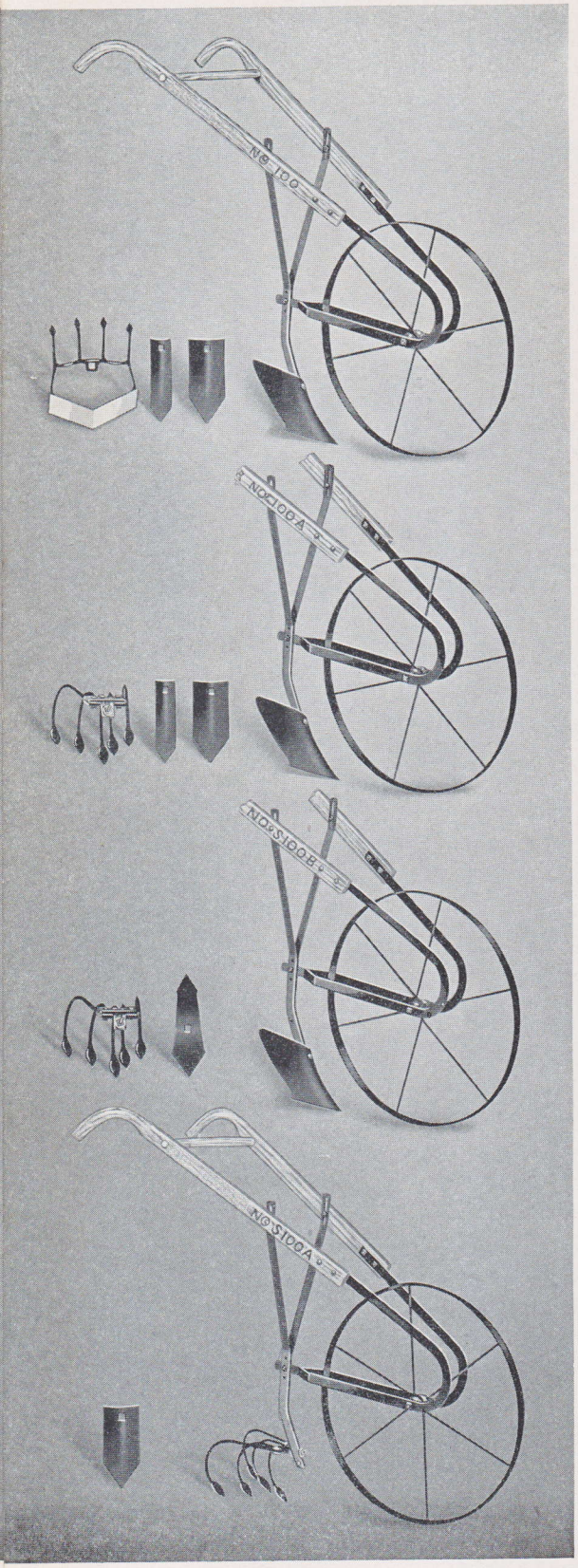
Wheels have eight staggered spokes. Handles are one inch channel steel with our H13 Malleable Grips. (H2 Round Grips are optional.)

All tillage tools are sharpened and can be kept in good working condition by occasional touching up with a file. Those used on Nos. 51, 51A and 51F are brightly polished. Tools for the L51, L51A and L51F are tumbled smooth and lacquered.

Like the rest of our extensive line of wheel cultivators the Zeniths are efficient all purpose garden tools. Their use is further extended by the fact that they will take either No. 1 or No. 2 Midget Seeder Attachments, see Pages 178 and 179.



Zenith High Wheel Cultivators with Channel Steel Handles, Nos. 51, L51, 51A, L51A, 51F, L51F and SL51A, together with the attachments supplied with each.



This plate illustrates the Special High Wheel Cultivators with Oak Handles, Nos. 100, 100A, S100B and S100A, together with the attachments supplied with each.

SPECIAL HIGH WHEEL CULTIVATORS

NO. 100 SPECIAL HIGH WHEEL CULTIVATOR

Wheel.....	Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles.....	Oak, Varnished.
Metal Parts...	Lacquered Red and Black.
Attachments:	
C2....	Moldboard Plow.
C1....	Shovel, 4 Inches Wide.
C4....	Shovel, 2 Inches Wide.
LR6....	Combined Rake and Sweep.
Packed.....	One in a Bundle.

Shipping Weight 20 Lbs.

NO. 100A SPECIAL HIGH WHEEL CULTIVATOR

Wheel.....	Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles.....	Oak, Varnished.
Metal Parts...	Lacquered Red and Black.
Attachments:	
C2....	Moldboard Plow.
C1....	Shovel, 4 Inches Wide.
C4....	Shovel, 2 Inches Wide.
IGC28X....	Five Prong Cultivator, Works 9 Inches of Ground.
Packed.....	One in a Bundle.

Shipping Weight 21 Lbs.

NO. S100B SPECIAL HIGH WHEEL CULTIVATOR

Wheel.....	Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles.....	Oak, Varnished.
Metal Parts...	Lacquered Red and Black.
Attachments:	
C2....	Moldboard Plow.
PX12....	Double End Shovel.
IGC28X....	Five Prong Cultivator, Works 9 Inches of Ground.
Packed.....	One in a Bundle.

Shipping Weight 21 Lbs.

NO. S100A SPECIAL HIGH WHEEL CULTIVATOR

Wheel.....	Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles.....	Oak, Varnished.
Metal Parts...	Lacquered Red and Black.
Attachments:	
C1....	Shovel, 4 Inches Wide.
IGC28X....	Five Prong Cultivator, Works 9 Inches of Ground.
Packed.....	One in a Bundle.

Shipping Weight 20 Lbs.

One of these special high wheel cultivators is a downright good buy for any man looking for a well made, efficient but inexpensive tool.

They are stoutly built to give service under all conditions. Each machine has ample adjustment facilities to meet the requirements of the operator and a complete line of tillage tools is available.

All tools are made of special steel, heat treated and sharpened, designed for lasting service.

An important feature of these cultivators is the fact that they are adapted to the use of either of the Midget Seeders. For complete description of these real TRUE TEMPER Seeders, *turn to Pages 178 and 179.*

SPECIAL HIGH WHEEL CULTIVATORS

NO. 105 SPECIAL HIGH WHEEL CULTIVATOR

Wheel..... Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles..... Channel Steel, Malleable Grips, Lacquered Green.
Frame..... Lacquered Red and Black.
Attachments:
C2.... Moldboard Plow.
C1.... Shovel, 4 Inches Wide.
C4.... Shovel, 2 Inches Wide.
LR6.... Combined Rake and Sweep.
Packed..... One in a Bundle.

Shipping Weight 21 Lbs.

NO. 105A SPECIAL HIGH WHEEL CULTIVATOR

Wheel..... Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles..... Channel Steel, Malleable Grips, Lacquered Green.
Frame..... Lacquered Red and Black.
Attachments:
C2.... Moldboard Plow.
C1.... Shovel, 4 Inches Wide.
C4.... Shovel, 2 Inches Wide.
IGC28X.... Five Prong Cultivator, Works 9 Inches of Ground.
Packed..... One in a Bundle.

Shipping Weight 22 Lbs.

NO. S105B SPECIAL HIGH WHEEL CULTIVATOR

Wheel..... Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles..... Channel Steel, Malleable Grips, Lacquered Green.
Frame..... Lacquered Red and Black.
Attachments:
C2.... Moldboard Plow.
PX12.... Double End Shovel.
IGC28X.... Five Prong Cultivator, Works 9 Inches of Ground.
Packed..... One in a Bundle.

Shipping Weight 22 Lbs.

NO. S105A SPECIAL HIGH WHEEL CULTIVATOR

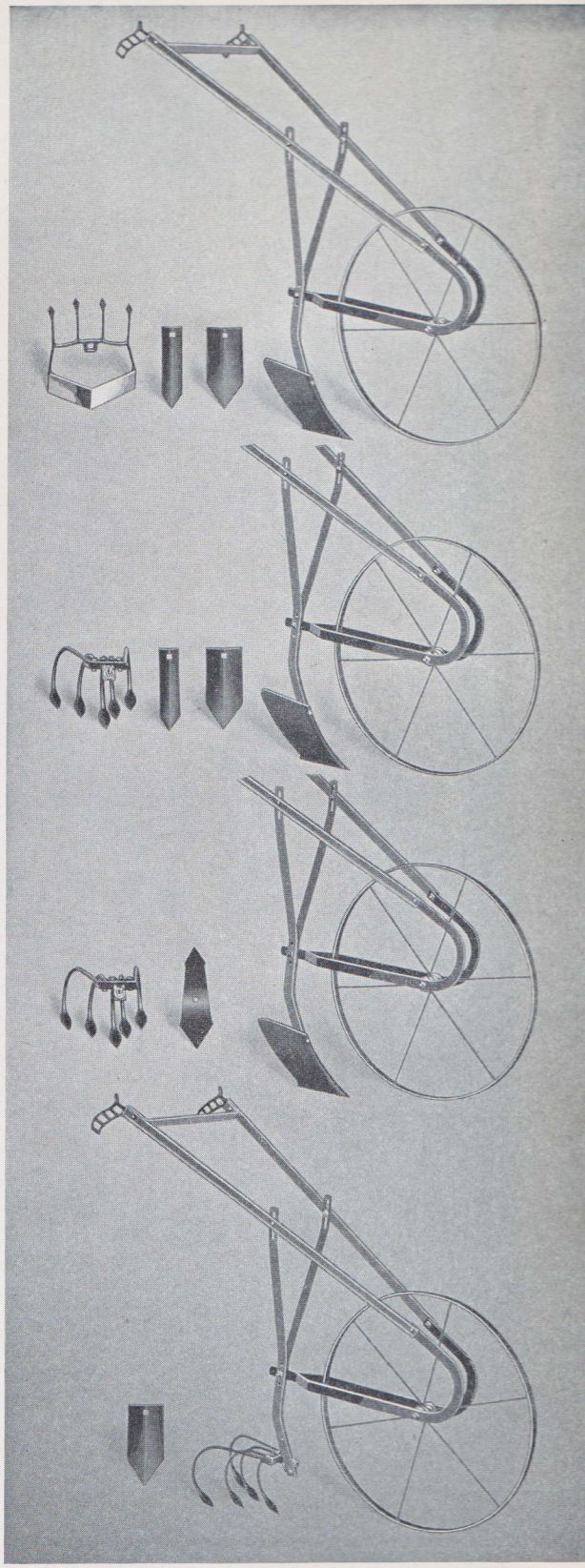
Wheel..... Diameter 24 Inches, Convex Rim Width 1¼ Inches.
Handles..... Channel Steel, Malleable Grips, Lacquered Green.
Frame..... Lacquered Red and Black.
Attachments:
C1.... Shovel, 4 Inches Wide.
IGC28X.... Five Prong Cultivator.
Packed..... One in a Bundle.

Shipping Weight 21 Lbs.

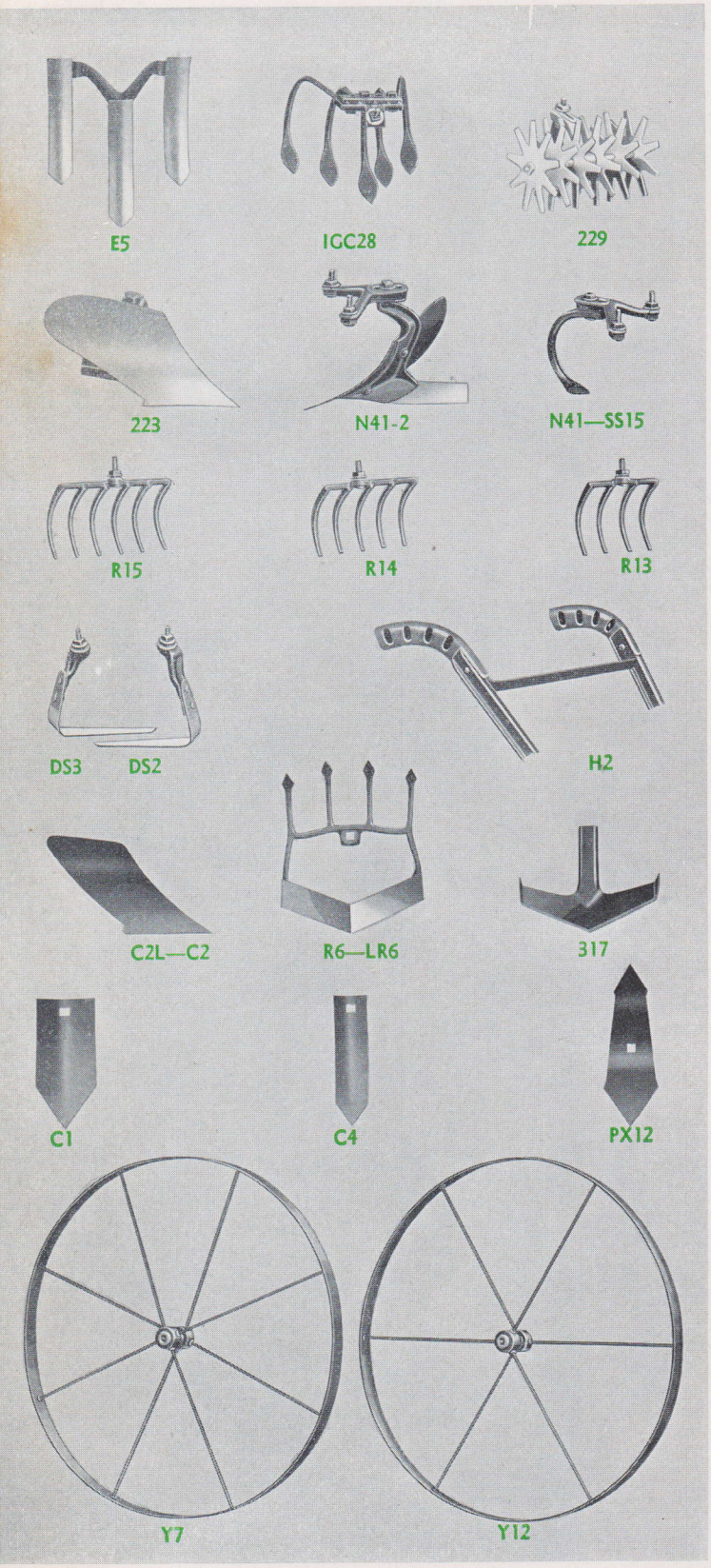
The all metal Special High Wheel Cultivators have channel steel handles with hand fitting malleable grips. Frames are constructed of flat steel 1 inch wide by 5/16 inches thick. The high wheels turn freely on special bushings and have six staggered spokes.

High grade cultivating tools or attachments are set at the right pitch and all necessary adjustments can be quickly and handily made.

Lightness, strength, balance, ease and convenience of operation, all recommend these tools to the purchaser. Add to that a handsome red and black lacquered finish plus the fact that either the No. 1 or No. 2 Midget Seeder can be attached and you have an item which practically merchandises itself.



Here is another group of Special High Wheel Cultivators Nos. 105, 105A, S105B and S105A, together with the attachments supplied with each. These Cultivators have Channel Steel Handles.



This plate illustrates the standard attachments supplied with TRUE TEMPER Cultivators and others in our line.

CULTIVATOR ATTACHMENTS

No. E5 **Three Shovel Attachment**

3 oval steel blades, hardened and polished, each 1½ inches wide by 8 inches long. Works 8 inches of ground. Fits all 134, 20, 30, 31, 50, 51, 100 and 105 series tools.

No. IGC28 **Five Prong Cultivator**

Cultivates ground 9 inches wide. Teeth removable. Fits any of our high wheel tools.

No. 229 **Mulcher-Pulverizer**

Disc diameter 5½ inches. Width 8 inches. Breaks crust or lump and throws out weeds. Fits G2 and G2X cultivators only.

No. 223 **Moldboard Plow**

Measures 12 inches from point to rear. Has large landside and is oil tempered and highly polished. Used only on Cultivators Nos. G2 and G2X.

No. N41-2 **Large Moldboard Plow with Bracket**

Hardened and polished with long landside. Fits Nos. 9, 11, 13, 17, 19, 5, 7, and 8 tools.

No. N41—SS15 **Single Tooth Shovel and Bracket**

To be used between rows only, cutting out centers, with other four shovels on Nos. 9, 11, 13, 17, 19, 5, 7, and 8 cultivators.

Nos. R13, R14, R15 **Four, Five and Six Tooth Rakes**

Generally used in pairs for first cultivation of small plants. Made of malleable iron to fit tools Nos. 5, 7, 8, 9, 11, 13, 17, 19, 22, 23 and 24.

Nos. DS2 Right and DS3 Left Hand **Hoes**

Work close, disturb little dirt, polished and sharpened. Standard on Nos. 5, 7, 8, 9, 11, 13, 17, 19, 22, 23 and 24 machines.

No. H2 **Round Malleable Grips**

If desired grips of this type can be furnished in place of those shown on the Nos. 51 and 105 series.

No. C2L and C2 **Moldboard Plows**

No. C2L has a steel landside. No. C2 does not, both are right hand plows, measuring 12 inches from point to rear and are sharpened for use.

No. R6 and LR6 **Combined Rake and Sweep**

No. R6 blade is polished. No. LR6 is tumbled and lacquered, width of attachment 8½ inches.

No. 317 **Scuffle Hoe or Sweep**

Width 8½ inches. Ends turned up to protect plants. Attachments set nearly flat for surface cultivation.

No. C1 **Shovel**

Oval face, width 4 inches. Length 8 inches. Sharpened for use.

No. C4 **Shovel**

Oval face, width 2 inches. Length 8 inches. Sharpened for use.

No. PX12 **Double Point Shovel**

Flat faced, length 10 inches, widths 2 inches and 3½ inches at opposite ends. Sharpened to use.

No. Y7 **Wheel with 8 Spokes**

Diameter approximately 24 inches, flat rim width 1¼ inches. Used on Cultivators Nos. 20, 20A, 20B, 50, L50, 50A, L50A, 50F, L50F, SL50A, 51, L51, L51A, 51F, L51F and SL51A.

No. Y12 **Wheel with 6 Spokes**

Diameter approximately 24 inches with convex rim width 1¼ inches. Used on Cultivators Nos. L30A, L30D, L30E, L30F, L31A, L31D, L31E, L31F, 100, 100A, S100B, S100A, 105, 105A, S105B and S105A.

HANDLES

Millions of feet of carefully selected Ash go through our mills each year to be turned into TRUE TEMPER Handles, known the world over for their uniform high quality.

To adequately meet the extensive and varied requirements of the handle industry requires accessible timber, modern equipment and machinery, extensive production capacity and manufacturing experience.

Number one necessity is available material. All of our plants are located in sections of the country producing the highest grade of timber for use in manufacturing ash handles. These locations have been determined by a painstaking study of the amount and quality of ash in the region together with the economic factors involved in timber and handle mill operations.

To maintain large scale operations as we do calls for modern machinery and almost unlimited plant capacity. It also demands continual alertness to expanding manufacturing knowledge and improvements in method. In this way we are enabled continually to take advantage of new economies.

More than a century of accumulated experience, without which the best equipment in the world would be of small worth, is another contributing factor which helps unite our handle plants into one great reliable source of supply. Our employees are thoroughly familiar with all the patterns and shapes of the vast variety of handles and are proud of their ability to produce handles of highest quality and finish.

General Information on Handles

Grading

Our handles are graded according to Simplified Practice Recommendation No. 76 — Ash Handles — issued by the United States Department of Commerce under date of October 31, 1927.

XX Handles are clear in color, straight grained, free from defects and are the selected handles produced from the Ash log.

X Handles are reasonably straight grained, carefully sorted and finished. They are the standard replacement handle of the market.

No. 1 Handles are serviceable handles sold at a price to meet the requirements of a large class of trade.

Seasoning and Drying

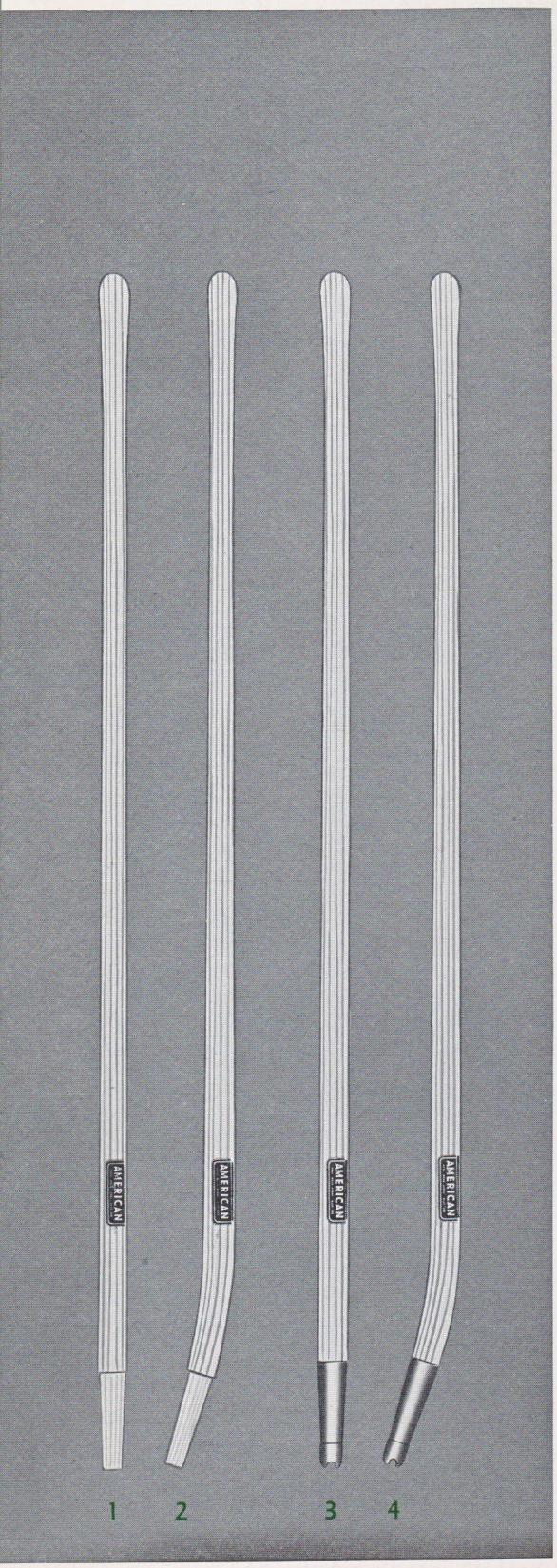
All of our Ash handle stock is kiln dried in the most modern manner. Equipment and methods have been developed with the joint co-operation of the U. S. Forest Products Laboratories and the leading Dry Kiln Manufacturers. In this way we obtain a uniformity impossible to secure in air dried timber and losses caused by improper seasoning are eliminated.

These Features Are Important

Square Hole Fork Handles: All long or D ferruled fork handles are furnished as standard with square holes as illustrated on page 195. This feature insures the fork being driven in perfect line with the bend, making replacement very much easier and quicker. The hole is of correct size to fit the square shank of the fork.

Tubular Ferrule: The new tubular ferrule is one of the finest improvements in a fork handle for many years. It presents no rough edges to injure the users' hands, eliminates the rivet at the top of the ferrule and is practically unbreakable in service. Tubular Ferrules are supplied only on XX grade Long and D fork handles as listed on succeeding pages, without additional charge and unless otherwise specified will be so furnished.

D Handles: D Handles are supplied with either the well known IDL Steel D Top or, with the Type E SturdE Steel D Top which has been adopted by our shovel plants as standard and is one of the most popular metal tops on the market. Its strength without excess weight, attractive design, smooth surface and roomy hand grip, are all points of superiority. Wood Split D, and Old Style Wood D handles can also be furnished as shown in this catalog.



HAY FORK HANDLES
1. Straight Hay —Without Ferrule or Cap
2. Bent Hay —Without Ferrule or Cap
3. Straight Hay —Plain Ferrule and Cap
4. Bent Hay —Plain Ferrule and Cap

STRAIGHT HAY FORK HANDLES

Bored and Chucked, Without Ferrules or Caps

Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
3½′	XXH3½	$ 6.80	XH3½	$ 4.50	H3½	$ 3.00
4′	XXH4	7.50	XH4	5.30	H4	3.80
4½′	XXH4½	8.30	XH4½	6.00	H4½	4.50
5′	XXH5	9.00	XH5	6.80	H5	5.30
5½′	XXH5½	10.50	XH5½	8.30	H5½	6.80
6′	XXH6	12.00	XH6	9.80	H6	8.30
6½′	XXH6½	14.20	XH6½	11.30	H6½	9.00
7′	XXH7	16.40	XH7	12.80	H7	9.80
7½′	XXH7½	19.40	XH7½	15.00	H7½	11.30
8′	XXH8	22.40	XH8	17.20	H8	12.80
8½′	XXH8½	26.90	XH8½	21.00	H8½	15.00
9′	XXH9	32.90	XH9	25.50	H9	18.00
10′	XXH10	41.20	XH10	31.50	H10	22.50
12′	XXH12	60.70	XH12	46.50	H12	31.50

BENT HAY FORK HANDLES

Bored and Chucked, Without Ferrules or Caps

3½′	XXHB3½	$ 8.30	XHB3½	$ 6.00	HB3½	$ 4.50
4′	XXHB4	9.00	XHB4	6.80	HB4	5.30
4½′	XXHB4½	9.80	XHB4½	7.50	HB4½	6.00
5′	XXHB5	10.50	XHB5	8.30	HB5	6.80
5½′	XXHB5½	12.00	XHB5½	9.80	HB5½	8.30
6′	XXHB6	13.50	XHB6	11.30	HB6	9.80
6½′	XXHB6½	15.70	XHB6½	12.80	HB6½	10.50
7′	XXHB7	17.90	XHB7	14.30	HB7	11.30
7½′	XXHB7½	20.90	XHB7½	16.50	HB7½	12.80
8′	XXHB8	23.90	XHB8	18.70	HB8	14.30
8½′	XXHB8½	28.40	XHB8½	22.50	HB8½	16.50
9′	XXHB9	34.40	XHB9	27.00	HB9	19.50
10′	XXHB10	42.70	XHB10	33.00	HB10	24.00
12′	XXHB12	62.20	XHB12	48.00	HB12	33.00

STRAIGHT HAY FORK HANDLES

Bored Ready to Drive On, Fitted with Plain Ferrules and Caps

3½′	XXHP3½	$ 8.30	XHP3½	$ 6.00	HP3½	$ 4.50
4′	XXHP4	9.00	XHP4	6.80	HP4	5.30
4½′	XXHP4½	9.80	XHP4½	7.50	HP4½	6.00
5′	XXHP5	10.50	XHP5	8.30	HP5	6.80
5½′	XXHP5½	12.00	XHP5½	9.80	HP5½	8.30
6′	XXHP6	13.50	XHP6	11.30	HP6	9.80
6½′	XXHP6½	15.70	XHP6½	12.80	HP6½	10.50
7′	XXHP7	17.90	XHP7	14.30	HP7	11.30
7½′	XXHP7½	20.90	XHP7½	16.50	HP7½	12.80
8′	XXHP8	23.90	XHP8	18.70	HP8	14.30
8½′	XXHP8½	28.40	XHP8½	22.50	HP8½	16.50
9′	XXHP9	34.40	XHP9	27.00	HP9	19.50
10′	XXHP10	42.70	XHP10	33.00	HP10	24.00
12′	XXHP12	62.20	XHP12	48.00	HP12	33.00

BENT HAY FORK HANDLES

Bored Ready to Drive On, Fitted with Plain Ferrules and Caps

3½′	XXHBP3½	$ 9.80	XHBP3½	$ 7.50	HBP3½	$ 6.00
4′	XXHBP4	10.50	XHBP4	8.30	HBP4	6.80
4½′	XXHBP4½	11.30	XHBP4½	9.00	HBP4½	7.50
5′	XXHBP5	12.00	XHBP5	9.80	HBP5	8.30
5½′	XXHBP5½	13.50	XHBP5½	11.30	HBP5½	9.80
6′	XXHBP6	15.00	XHBP6	12.80	HBP6	11.30
6½′	XXHBP6½	17.20	XHBP6½	14.30	HBP6½	12.00
7′	XXHBP7	19.40	XHBP7	15.80	HBP7	12.80
7½′	XXHBP7½	22.40	XHBP7½	18.00	HBP7½	14.30
8′	XXHBP8	25.40	XHBP8	20.20	HBP8	15.80

STRAIGHT HAY FORK HANDLES

Bored, Ready to Drive On

Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

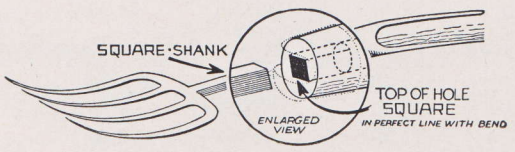
Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
3½′	XXHS3½	$ 9.00	XHS3½	$ 6.80	HS3½	$ 5.30
4′	XXHS4	9.80	XHS4	7.50	HS4	6.00
4½′	XXHS4½	10.50	XHS4½	8.30	HS4½	6.80
5′	XXHS5	11.30	XHS5	9.00	HS5	7.50
5½′	XXHS5½	12.80	XHS5½	10.50	HS5½	9.00
6′	XXHS6	14.30	XHS6	12.00	HS6	10.50
6½′	XXHS6½	16.50	XHS6½	13.50	HS6½	11.30
7′	XXHS7	18.70	XHS7	15.00	HS7	12.00
7½′	XXHS7½	21.70	XHS7½	17.20	HS7½	13.50
8′	XXHS8	24.70	XHS8	19.40	HS8	15.00

BENT HAY FORK HANDLES

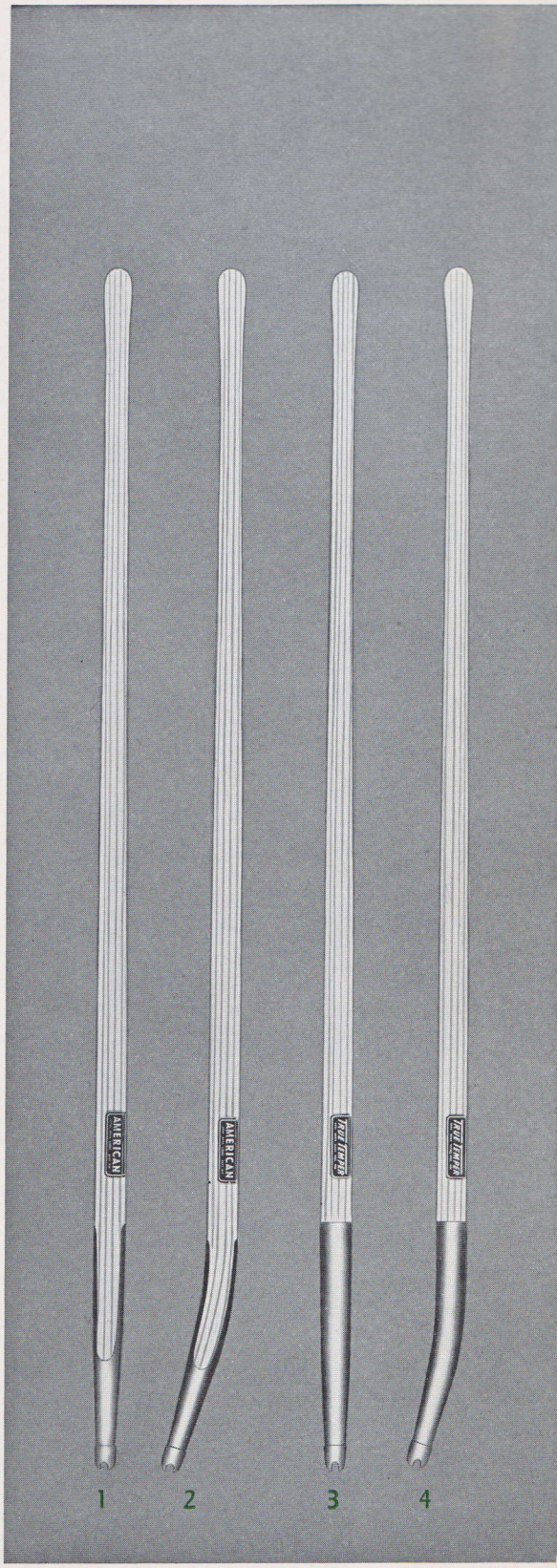
Bored, Ready to Drive On

Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

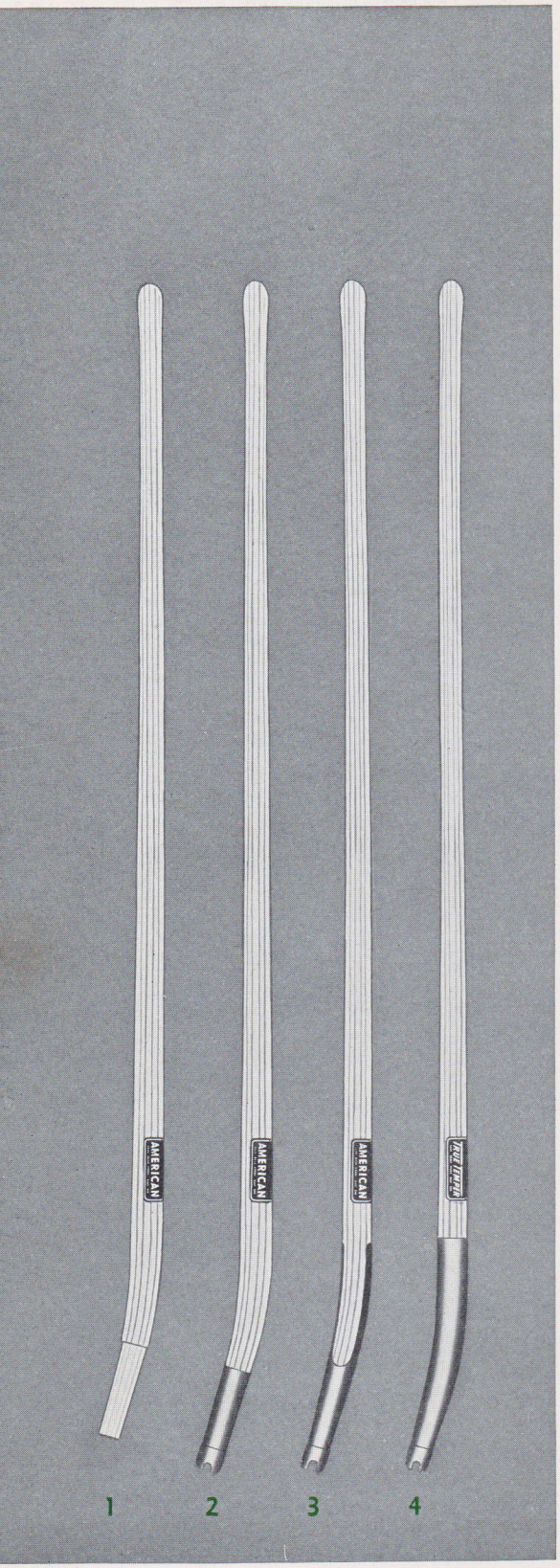
Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
3½′	XXHBS3½	$10.50	XHBS3½	$ 8.30	HBS3½	$ 6.80
4′	XXHBS4	11.30	XHBS4	9.00	HBS4	7.50
4½′	XXHBS4½	12.00	XHBS4½	9.80	HBS4½	8.30
5′	XXHBS5	12.80	XHBS5	10.50	HBS5	9.00
5½′	XXHBS5½	14.30	XHBS5½	12.00	HBS5½	10.50
6′	XXHBS6	15.80	XHBS6	13.50	HBS6	12.00
6½′	XXHBS6½	18.00	XHBS6½	15.00	HBS6½	12.80
7′	XXHBS7	20.20	XHBS7	16.50	HBS7	13.50
7½′	XXHBS7½	23.20	XHBS7½	18.70	HBS7½	15.00
8′	XXHBS8	26.20	XHBS8	20.90	HBS8	16.50



All Ferruled Fork Handles are furnished with square holes as illustrated. This assures a perfect quick replacement. The Fork drives in easily, yet securely and in perfect line with the bend.



HAY FORK HANDLES
1. Straight Hay —Strap Ferrule and Cap
2. Bent Hay —Strap Ferrule and Cap
3. Straight Hay —Tubular Ferrule and Cap
4. Bent Hay —Tubular Ferrule and Cap



BENT MANURE, ALFALFA, BARLEY, CLOVER, GRAIN, AND HEADER FORK HANDLES

1. Without Ferrule or Cap
2. With Plain Ferrule and Cap
3. With Strap Ferrule and Cap
4. With Tubular Ferrule and Cap

BENT MANURE, ALFALFA, BARLEY, CLOVER AND GRAIN FORK HANDLES

Specify Kind of Tool

Bored and Chucked—Without Ferrules or Caps

Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
3½′	XXM3½	$ 8.30	XM3½	$ 6.00	M3½	$4.50
4′	XXM4	9.00	XM4	6.80	M4	5.30
4½′	XXM4½	9.80	XM4½	7.50	M4½	6.00
5′	XXM5	10.50	XM5	8.30	M5	6.80
5½′	XXM5½	12.00	XM5½	9.80	M5½	8.30
6′	XXM6	13.50	XM6	11.30	M6	9.80

Bored, Ready to Drive On—Fitted with Plain Ferrules and Caps

3½′	XXMP3½	$ 9.80	XMP3½	$ 7.50	MP3½	$ 6.00
4′	XXMP4	10.50	XMP4	8.30	MP4	6.80
4½′	XXMP4½	11.30	XMP4½	9.00	MP4½	7.50
5′	XXMP5	12.00	XMP5	9.80	MP5	8.30
5½′	XXMP5½	13.50	XMP5½	11.30	MP5½	9.80
6′	XXMP6	15.00	XMP6	12.80	MP6	11.30

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

3½′	XXMS3½	$10.50	XMS3½	$ 8.30	MS3½	$ 6.80
4′	XXMS4	11.30	XMS4	9.00	MS4	7.50
4½′	XXMS4½	12.00	XMS4½	9.80	MS4½	8.30
5′	XXMS5	12.80	XMS5	10.50	MS5	9.00
5½′	XXMS5½	14.30	XMS5½	12.00	MS5½	10.50
6′	XXMS6	15.80	XMS6	13.50	MS6	12.00

BENT THREE TINE AND FOUR TINE HEADER FORK HANDLES

Specify Kind of Tool

Bored and Chucked—Without Ferrules or Caps

Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
3½′	XXHE3½	$ 8.30	XHE3½	$ 6.00	HE3½	$ 4.50
4′	XXHE4	9.00	XHE4	6.80	HE4	5.30
4½′	XXHE4½	9.80	XHE4½	7.50	HE4½	6.00
5′	XXHE5	10.50	XHE5	8.30	HE5	6.80
5½′	XXHE5½	12.00	XHE5½	9.80	HE5½	8.30
6′	XXHE6	13.50	XHE6	11.30	HE6	9.80

Bored, Ready to Drive On—Fitted with Plain Ferrules and Caps

3½′	XXHEP3½	$ 9.80	XHEP3½	$ 7.50	HEP3½	$ 6.00
4′	XXHEP4	10.50	XHEP4	8.30	HEP4	6.80
4½′	XXHEP4½	11.30	XHEP4½	9.00	HEP4½	7.50
5′	XXHEP5	12.00	XHEP5	9.80	HEP5	8.30
5½′	XXHEP5½	13.50	XHEP5½	11.30	HEP5½	9.80
6′	XXHEP6	15.00	XHEP6	12.80	HEP6	11.30

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

3½′	XXHES3½	$10.50	XHES3½	$ 8.30	HES3½	$ 6.80
4′	XXHES4	11.30	XHES4	9.00	HES4	7.50
4½′	XXHES4½	12.00	XHES4½	9.80	HES4½	8.30
5′	XXHES5	12.80	XHES5	10.50	HES5	9.00
5½′	XXHES5½	14.30	XHES5½	12.00	HES5½	10.50
6′	XXHES6	15.80	XHES6	13.50	HES6	12.00

BENT FOUR TINE AND FIVE TINE SPADING FORK HANDLES

Specify Medium or Heavy Weight Handle

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4′	XXSG4	$10.50	XSG4	$ 8.30	SG4	$ 6.80
4½′	XXSG4½	11.30	XSG4½	9.00	SG4½	7.50

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

4′	XXSGS4	$13.50	XSGS4	$11.30	SGS4	$ 9.80
4½′	XXSGS4½	14.30	XSGS4½	12.00	SGS4½	10.50

LONG BENT STONE PICKING FORK HANDLES

Boys' Hay Size

Bored, Ready to Drive On—Fitted with Plain Ferrules and Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4′	XXPIBP4	$10.50	XPIBP4	$ 8.30	PIBP4	$ 6.80
4½′	XXPIBP4½	11.30	XPIBP4½	9.00	PIBP4½	7.50

Bored, Ready to Drive On—Fitted with Strap Ferrules and Caps

4′	XXPIBS4	$11.30	XPIBS4	$ 9.00	PIBS4	$ 7.50
4½′	XXPIBS4½	12.00	XPIBS4½	9.80	PIBS4½	8.30

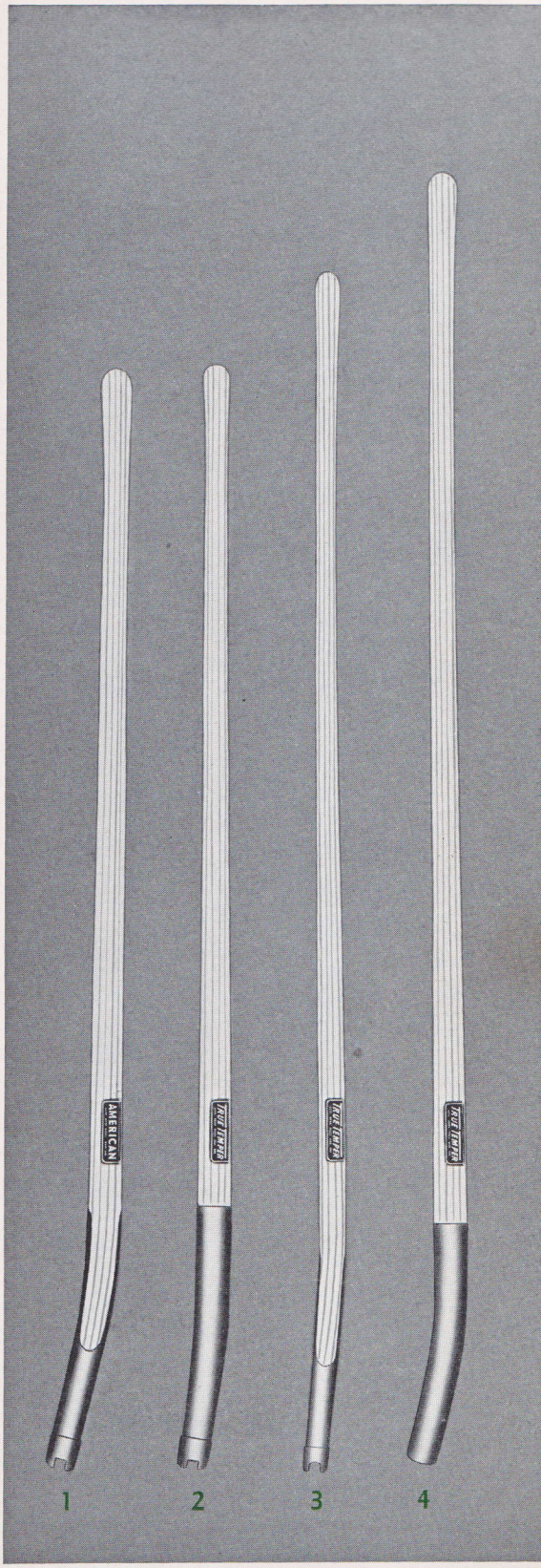
BENT SLUICE FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

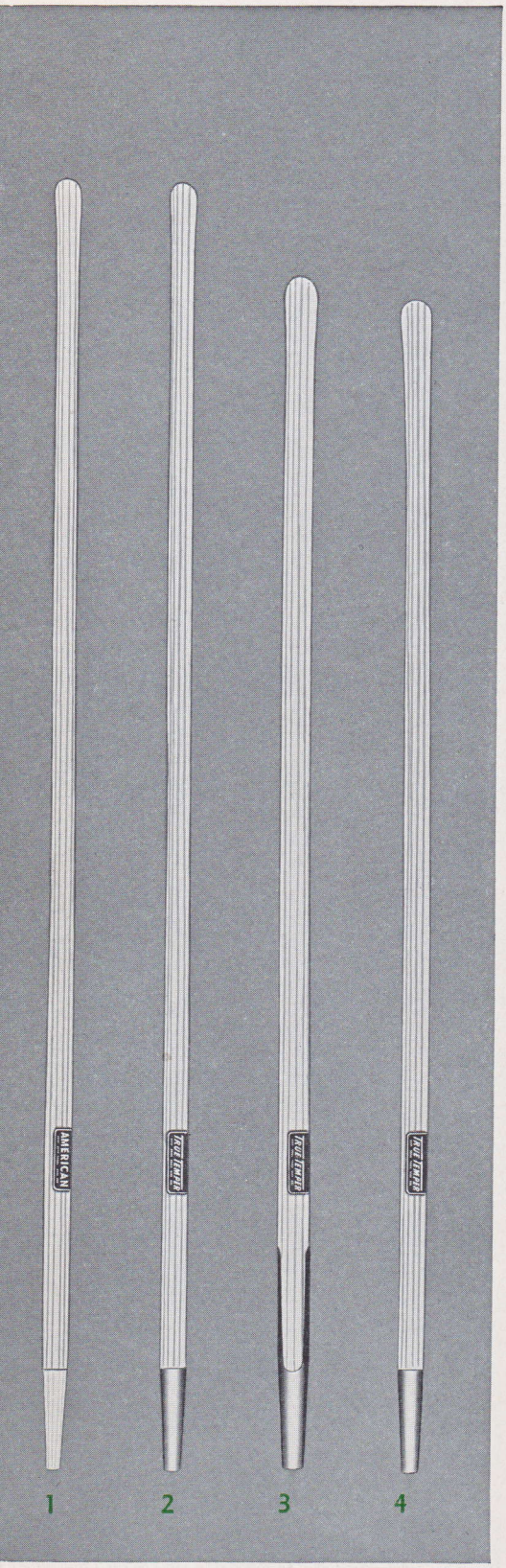
Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
5′	XXSL5	$12.00	XSL5	$ 9.80	SL5	$ 8.30

Bored, Ready to Drive On
Fitted with Tubular Ferrules without Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

5′	XXSLS5	$15.00	XSLS5	$12.80	SLS5	$11.30



1. Bent Spading Fork Handle —Strap Ferrule and Cap
2. Bent Spading Fork Handle —Tubular Ferrule and Cap
3. Bent Stone Picking Fork Handle —Strap Ferrule and Cap
4. Bent Sluice Fork Handle —Tubular Ferrule



1. Garden Rake Handle—Without Ferrule
2. Garden Rake Handle—Plain Ferrule
3. Asphalt or Tar Rake Handle—Strap Ferrule
   Potato Hook Handle—Plain Ferrule

GARDEN RAKE HANDLES

Specify Shank or Socket Pattern

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
5′	XXR5	$ 8.30	XR5	$ 6.00	R5	$ 4.50
5½′	XXR5½	9.80	XR5½	7.50	R5½	6.00
6′	XXR6	11.30	XR6	9.00	R6	7.50
6½′	XXR6½	13.50	XR6½	10.50	R6½	8.30
7′	XXR7	15.70	XR7	12.00	R7	9.00
7½′	XXR7½	18.70	XR7½	14.20	R7½	10.50
8′	XXR8	21.70	XR8	16.40	R8	12.00

Bored, Ready to Drive On—Fitted with Plain Ferrules—Without Caps

5′	XXRP5	$ 9.00	XRP5	$ 6.80	RP5	$ 5.30
5½′	XXRP5½	10.50	XRP5½	8.30	RP5½	6.80
6′	XXRP6	12.00	XRP6	9.80	RP6	8.30
6½′	XXRP6½	14.20	XRP6½	11.30	RP6½	9.00
7′	XXRP7	16.40	XRP7	12.80	RP7	9.80
7½′	XXRP7½	19.40	XRP7½	15.00	RP7½	11.30
8′	XXRP8	22.40	XRP8	17.20	RP8	12.80

ASPHALT OR TAR RAKE HANDLES

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4½′	XXAT4½	$ 8.30	XAT4½	$ 6.00	AT4½	$ 4.50
5′	XXAT5	9.00	XAT5	6.80	AT5	5.30

Bored, Ready to Drive On—Fitted with Strap Ferrules—Without Caps

4½′	XXATS4½	$10.50	XATS4½	$ 8.30	ATS4½	$ 6.80
5′	XXATS5	11.30	XATS5	9.00	ATS5	7.50

LIGHT STRAIGHT POTATO HOOK HANDLES

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4⅓′	XXLH4⅓	$ 7.50	XLH4⅓	$ 5.30	LH4⅓	$ 3.80
4½′	XXLH4½	7.50	XLH4½	5.30	LH4½	3.80

Bored, Ready to Drive On—Fitted with Plain Ferrules—Without Caps

4⅓′	XXLHP4⅓	$ 8.30	XLHP4⅓	$ 6.00	LHP4⅓	$ 4.50
4½′	XXLHP4½	8.30	XLHP4½	6.00	LHP4½	4.50

HEAVY OR MEDIUM STRAIGHT POTATO HOOK HANDLES

Specify Kind of Tool

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4⅓′	XXHH4⅓	$ 8.30	XHH4⅓	$ 6.00	HH4⅓	$ 4.50
4½′	XXHH4½	8.30	XHH4½	6.00	HH4½	4.50

Bored, Ready to Drive On—Fitted with Plain Ferrules—Without Caps

4⅓′	XXHHP4⅓	$ 9.80	XHHP4⅓	$ 7.50	HHP4⅓	$ 6.00
4½′	XXHHP4½	9.80	XHHP4½	7.50	HHP4½	6.00

FIELD AND GARDEN HOE HANDLES

Specify Shank or Socket Pattern

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4′	XXGH4	$ 6.80	XGH4	$ 4.50	GH4	$ 3.00
4⅓′	XXGH4⅓	7.50	XGH4⅓	5.30	GH4⅓	3.80
4½′	XXGH4½	7.50	XGH4½	5.30	GH4½	3.80
5′	XXGH5	8.30	XGH5	6.00	GH5	4.50
5½′	XXGH5½	9.80	XGH5½	7.50	GH5½	6.00
6′	XXGH6	11.30	XGH6	9.00	GH6	7.50
6½′	XXGH6½	13.50	XGH6½	10.50	GH6½	8.30
7′	XXGH7	15.70	XGH7	12.00	GH7	9.00
7½′	XXGH7½	18.70	XGH7½	14.20	GH7½	10.50
8′	XXGH8	21.70	XGH8	16.40	GH8	12.00

Bored, Ready to Drive On—Fitted with Plain Ferrules—Without Caps

4′	XXGHP4	$ 7.50	XGHP4	$ 5.30	GHP4	$ 3.80
4⅓′	XXGHP4⅓	8.30	XGHP4⅓	6.00	GHP4⅓	4.50
4½′	XXGHP4½	8.30	XGHP4½	6.00	GHP4½	4.50
5′	XXGHP5	9.00	XGHP5	6.80	GHP5	5.30
5½′	XXGHP5½	10.50	XGHP5½	8.30	GHP5½	6.80
6′	XXGHP6	12.00	XGHP6	9.80	GHP6	8.30
6½′	XXGHP6½	14.20	XGHP6½	11.30	GHP6½	9.00
7′	XXGHP7	16.40	XGHP7	12.80	GHP7	9.80
7½′	XXGHP7½	19.40	XGHP7½	15.00	GHP7½	11.30
8′	XXGHP8	22.40	XGHP8	17.20	GHP8	12.80

STRAIGHT STONE HOOK HANDLES

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
5′	XXST5	$ 9.00	XST5	$ 6.80	ST5	$ 5.30

Bored and Chucked—Fitted with Plain Ferrules and Caps

5′	XXSTP5	$10.50	XSTP5	$ 8.30	STP5	$ 6.80

STRAIGHT PHOSPHATE DRAG HANDLES

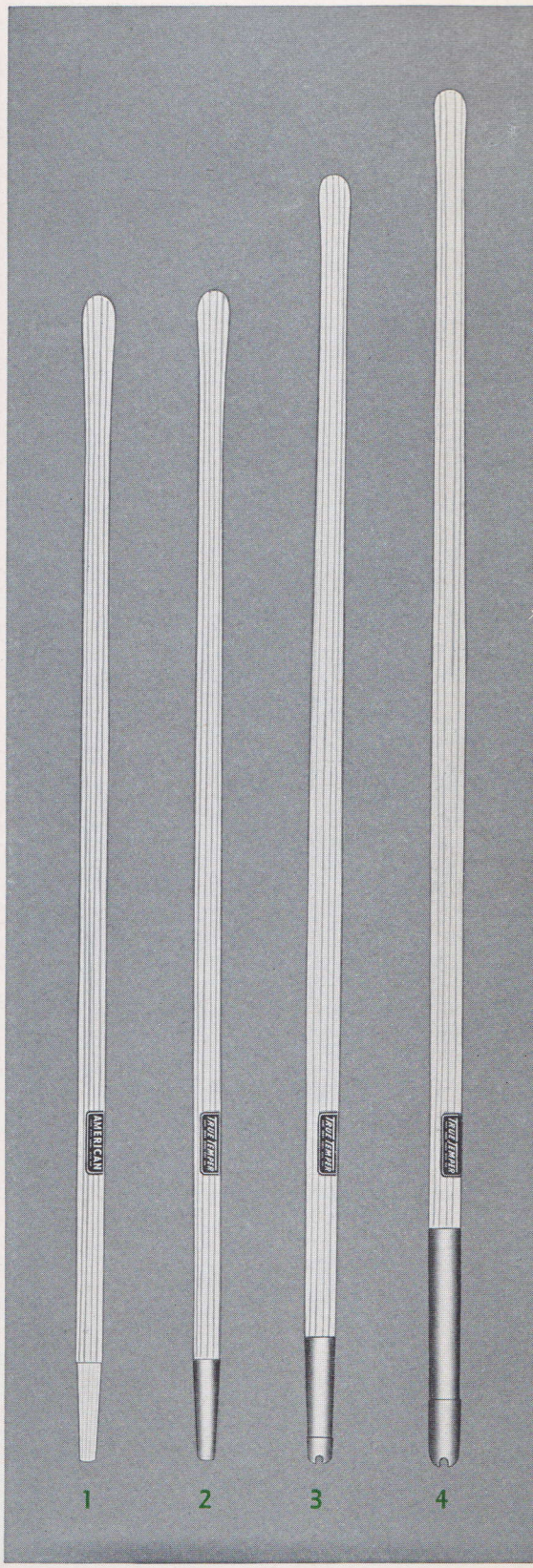
Bored, Ready to Drive On

Fitted with Tubular Ferrules and 3″ Cap in XX Grade
Fitted with Strap Ferrules and 3″ Cap in X Grade

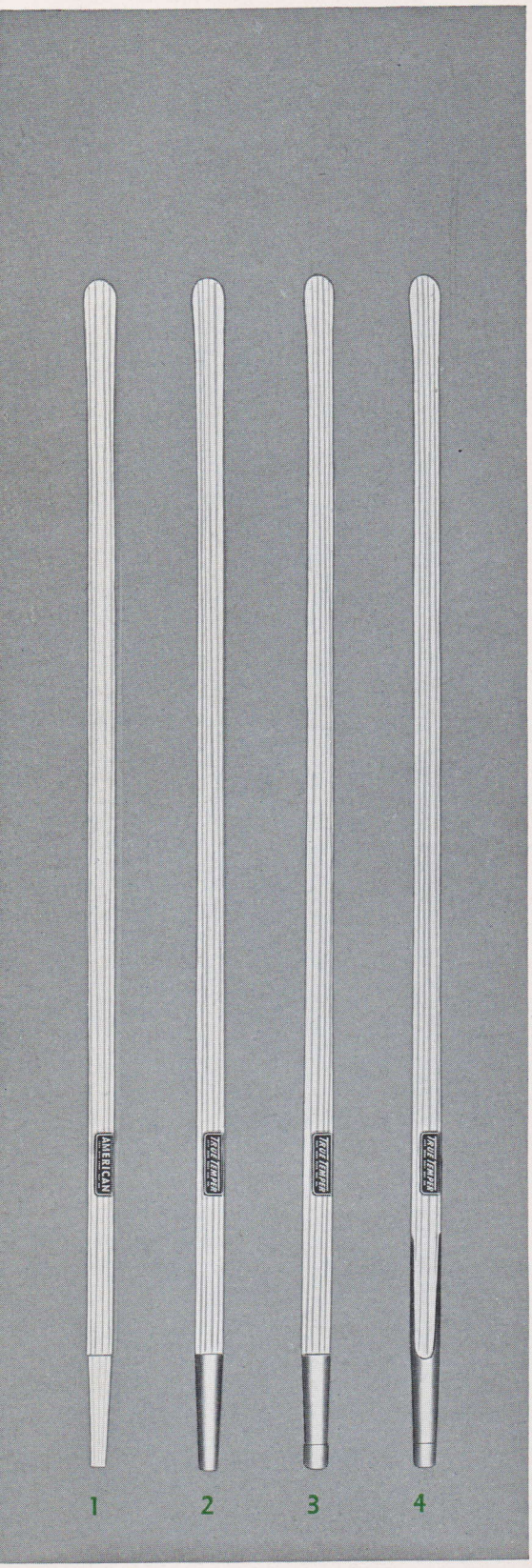
Length	Number	XX Per Doz.	Number	X Per Doz.
6′	XXPDS6	$20.00	XPDS6	$16.50

Bored, Ready to Drive On—Fitted with 8″ Heavy Tubular Ferrules

6′	XXPDT6	$21.00	XPDT6	$17.50



1. Field and Garden Hoe Handle—Without Ferrule
2. Field and Garden Hoe Handle—Plain Ferrule
3. Stone Hook Handle—Plain Ferrule and Cap
4. Phosphate Drag Handle—Tubular Ferrule and Cap



Planter, Light Cotton, Regular Cotton, Southern Meadow and Blackland Hoe Handles.
1. Without Ferrule
2. Plain Ferrule
3. Mortar Hoe Handle—Plain Ferrule and Cap
4. Mortar Hoe Handle—Strap Ferrule and Cap

PLANTER, LIGHT COTTON, REGULAR COTTON, SOUTHERN MEADOW AND BLACKLAND HOE HANDLES

Specify Kind of Tool. Specify Shank or Socket Pattern.

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4½′	XXCO4½	$ 7.50	XCO4½	$ 5.30	CO4½	$ 3.80
5′	XXCO5	8.30	XCO5	6.00	CO5	4.50
5½′	XXCO5½	9.80	XCO5½	7.50	CO5½	6.00
6′	XXCO6	11.30	XCO6	9.00	CO6	7.50
6½′	XXCO6½	13.50	XCO6½	10.50	CO6½	8.30
7′	XXCO7	15.70	XCO7	12.00	CO7	9.00
7½′	XXCO7½	18.70	XCO7½	14.20	CO7½	10.50
8′	XXCO8	21.70	XCO8	16.40	CO8	12.00

Bored Ready to Drive On—Fitted with Plain Ferrules—Without Caps

4½′	XXCOP4½	$ 8.30	XCOP4½	$ 6.00	COP4½	$ 4.50
5′	XXCOP5	9.00	XCOP5	6.80	COP5	5.30
5½′	XXCOP5½	10.50	XCOP5½	8.30	COP5½	6.80
6′	XXCOP6	12.00	XCOP6	9.80	COP6	8.30
6½′	XXCOP6½	14.20	XCOP6½	11.30	COP6½	9.00
7′	XXCOP7	16.40	XCOP7	12.80	COP7	9.80
7½′	XXCOP7½	19.40	XCOP7½	15.00	COP7½	11.30
8′	XXCOP8	22.40	XCOP8	17.20	COP8	12.80

MORTAR HOE HANDLES

Specify Shank or Socket Pattern.

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4½′	XXMO4½	$ 8.30	XMO4½	$ 6.00	MO4½	$ 4.50
5′	XXMO5	9.00	XMO5	6.80	MO5	5.30
5½′	XXMO5½	10.50	XMO5½	8.30	MO5½	6.80
6′	XXMO6	12.00	XMO6	9.80	MO6	8.30
6½′	XXMO6½	14.20	XMO6½	11.30	MO6½	9.00
7′	XXMO7	16.40	XMO7	12.80	MO7	9.80
7½′	XXMO7½	19.40	XMO7½	15.00	MO7½	11.30
8′	XXMO8	22.40	XMO8	17.20	MO8	12.80

Bored Ready to Drive On—Fitted with Plain Ferrules and Caps

4½′	XXMOP4½	$ 9.80	XMOP4½	$ 7.50	MOP4½	$ 6.00
5′	XXMOP5	10.50	XMOP5	8.30	MOP5	6.80
5½′	XXMOP5½	12.00	XMOP5½	9.80	MOP5½	8.30
6′	XXMOP6	13.50	XMOP6	11.30	MOP6	9.80
6½′	XXMOP6½	15.70	XMOP6½	12.80	MOP6½	10.50
7′	XXMOP7	17.90	XMOP7	14.30	MOP7	11.30
7½′	XXMOP7½	20.90	XMOP7½	16.50	MOP7½	12.80
8′	XXMOP8	23.90	XMOP8	18.70	MOP8	14.30

Bored Ready to Drive On—Fitted with Strap Ferrules and Caps

4½′	XXMOS4½	$ 10.50	XMOS4½	$ 8.30	MOS4½	$ 6.80
5′	XXMOS5	11.30	XMOS5	9.00	MOS5	7.50
5½′	XXMOS5½	12.80	XMOS5½	10.50	MOS5½	9.00
6′	XXMOS6	14.30	XMOS6	12.00	MOS6	10.50
6½′	XXMOS6½	16.50	XMOS6½	13.50	MOS6½	11.30
7′	XXMOS7	18.70	XMOS7	15.00	MOS7	12.00
7½′	XXMOS7½	21.70	XMOS7½	17.20	MOS7½	13.50
8′	XXMOS8	24.70	XMOS8	19.40	MOS8	15.00

RAILROAD SCUFFLE HOE HANDLES

Bored and Chucked—Without Ferrules or Caps

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4½′	XXRS4½	$ 8.30	XRS4½	$ 6.00	RS4½	$ 4.50
5′	XXRS5	9.00	XRS5	6.80	RS5	5.30
5½′	XXRS5½	10.50	XRS5½	8.30	RS5½	6.80
6′	XXRS6	12.00	XRS6	9.80	RS6	8.30

Bored, Ready to Drive On—Fitted with Plain Ferrules—Without Caps

4½′	XXRSP4½	$ 9.80	XRSP4½	$ 7.50	RSP4½	$ 6.00
5′	XXRSP5	10.50	XRSP5	8.30	RSP5	6.80
5½′	XXRSP5½	12.00	XRSP5½	9.80	RSP5½	8.30
6′	XXRSP6	13.50	XRSP6	11.30	RSP6	9.80

GARDEN SCUFFLE HOE HANDLES

Bored and Chucked—Without Ferrules or Caps

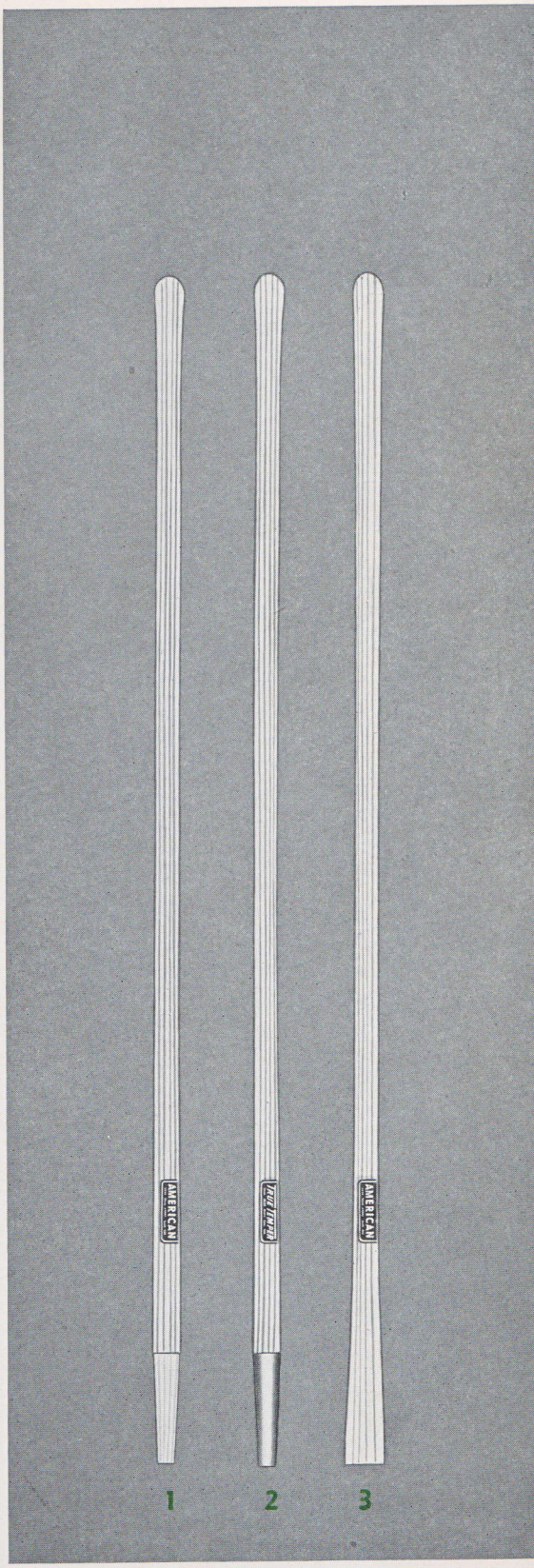
Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4½′	XXGS4½	$ 7.50	XGS4½	$ 5.30	GS4½	$ 3.80
5′	XXGS5	8.30	XGS5	6.00	GS5	4.50
5½′	XXGS5½	9.80	XGS5½	7.50	GS5½	6.00
6′	XXGS6	11.30	XGS6	9.00	GS6	7.50

Bored, Ready to Drive On—Fitted with Plain Ferrules—Without Caps

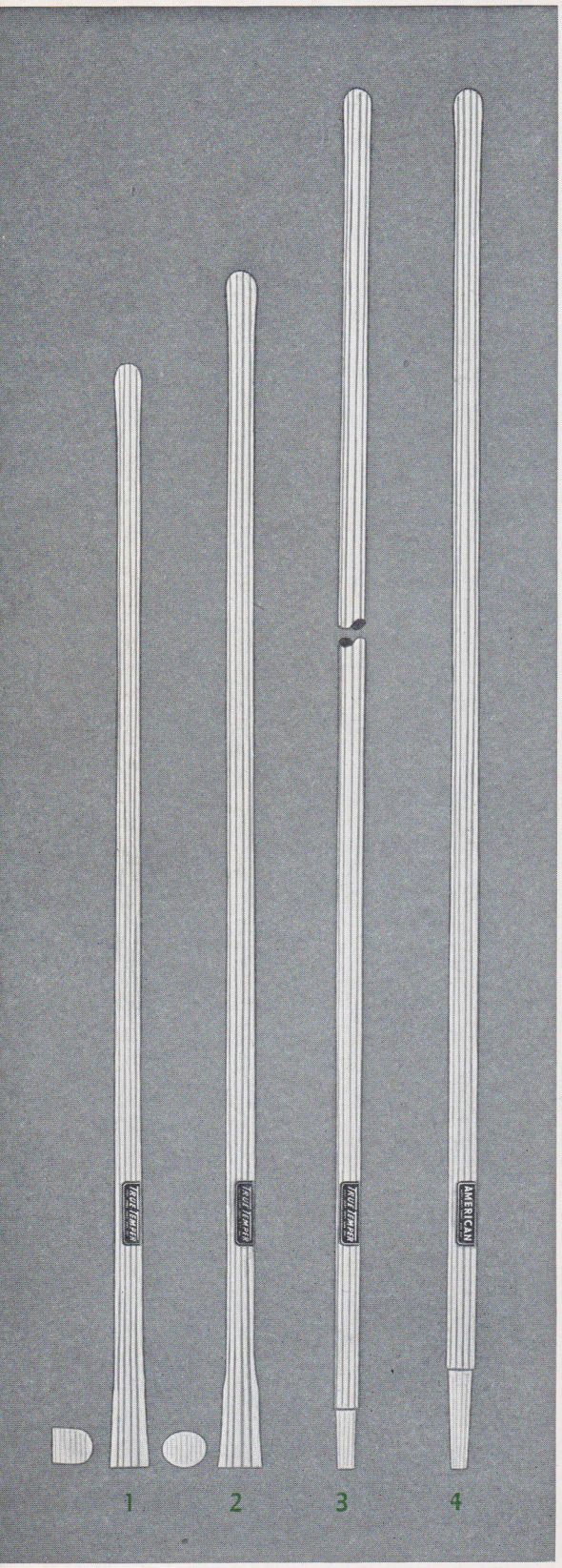
4½′	XXGSP4½	$ 8.30	XGSP4½	$ 6.00	GSP4½	$ 4.50
5′	XXGSP5	9.00	XGSP5	6.80	GSP5	5.30
5½′	XXGSP5½	10.50	XGSP5½	8.30	GSP5½	6.80
6′	XXGSP6	12.00	XGSP6	9.80	GSP6	8.30

PLANTER EYE HOE AND FIRE RAKE HANDLES

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4½′ x 1¾″	XXP4½A	$ 9.10	XP4½A	$ 7.90	P4½A	$ 6.90
4½′ x 2″	XXP4½C	10.90	XP4½C	9.50	P4½C	8.40
4½′ x 2⅛″	XXP4½D	11.80	XP4½D	10.50	P4½D	9.30
4½′ x 2¼″	XXP4½E	12.80	XP4½E	11.40	P4½E	10.10
5′ x 1¾″	XXP5A	10.10	XP5A	8.80	P5A	7.70
5′ x 2″	XXP5C	12.00	XP5C	10.60	P5C	9.40
5′ x 2⅛″	XXP5D	13.10	XP5D	11.60	P5D	10.40
5′ x 2¼″	XXP5E	14.20	XP5E	12.70	P5E	11.30
5½′ x 1¾″	XXP5½A	11.60	XP5½A	10.20	P5½A	9.00
5½′ x 2″	XXP5½C	13.90	XP5½C	12.40	P5½C	11.10
5½′ x 2⅛″	XXP5½D	15.30	XP5½D	13.60	P5½D	12.20
5½′ x 2¼″	XXP5½E	16.70	XP5½E	14.90	P5½E	13.50
6′ x 1¾″	XXP6A	12.90	XP6A	11.40	P6A	10.10
6′ x 2″	XXP6C	15.60	XP6C	14.00	P6C	12.50
6′ x 2⅛″	XXP6D	17.00	XP6D	15.30	P6D	13.80
6′ x 2¼″	XXP6E	18.60	XP6E	16.80	P6E	15.20



1. Railroad Scuffle Hoe Handle—Without Ferrule
2. Railroad Scuffle Hoe Handle—Plain Ferrule
3. Planter Eye Hoe and Fire Rake Handle



1. German Square Eye Hoe Handle
2. Solid Eye Mattock Hoe Handle —Oval Eye
3. Shepherd Crook Handle
4. Drain Cleaner Handle

GERMAN SQUARE EYE HOE HANDLES

Small Size

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4′	XXSQ4	$ 9.60	XSQ4	$ 8.10	SQ4	$ 5.60
4½′	XXSQ4½	10.70	XSQ4½	8.90	SQ4½	6.70

Large Size

4′	XXLSQ4	$10.10	XLSQ4	$ 8.50	LSQ4	$ 6.90
4½′	XXLSQ4½	11.50	XLSQ4½	9.60	LSQ4½	7.90

SOLID EYE MATTOCK HOE HANDLES

Oval Eye (Dig Ezy)

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
4½′	XXMHO4½	$13.30	XMHO4½	$11.30	MHO4½	$ 9.50
5′	XXMHO5	14.60	XMHO5	12.50	MHO5	10.40

Round Eye (Southern Queen)

4½′	XXMHR4½	$ 9.10	XMHR4½	$ 7.90	MHR4½	$ 6.90
5′	XXMHR5	10.10	XMHR5	8.80	MHR5	7.70

SHEPHERD CROOK HANDLES

Chucked

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
7′	XXCR7	$15.70	XCR7	$12.00	CR7	$ 9.00
7½′	XXCR7½	18.70	XCR7½	14.20	CR7½	10.50
8′	XXCR8	21.70	XCR8	16.40	CR8	12.00

DRAIN CLEANER HANDLES

Socket Pattern—Chucked

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
6′	XXCL6	$12.00	XCL6	$ 9.80	CL6	$ 8.30

IDL BENT MANURE FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXIM	*$11.30*	XIM	*$ 9.80*	IM	*$ 8.30*

Bored, Ready to Drive On—Fitted with Plain Ferrules and Caps

XXIMP	*$12.80*	XIMP	*$11.30*	IMP	*$ 9.80*

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXIMS	*$13.50*	XIMS	*$12.00*	IMS	*$10.50*

TYPE E STEEL D BENT MANURE FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXEM	*$12.00*	XEM	*$10.50*	EM	*$ 9.00*

Bored, Ready to Drive On—Fitted with Plain Ferrules and Caps

XXEMP	*$13.50*	XEMP	*$12.00*	EMP	*$10.50*

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXEMS	*$14.30*	XEMS	*$12.80*	EMS	*$11.30*

IDL BENT SPADING FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXISG	*$11.30*	XISG	*$ 9.80*	ISG	*$ 8.30*

Bored, Ready to Drive On—Fitted with Plain Ferrules and Caps

XXISGP	*$12.80*	XISGP	*$11.30*	ISGP	*$ 9.80*

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXISGS	*$14.30*	XISGS	*$12.80*	ISGS	*$11.30*

TYPE E STEEL D BENT SPADING FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXESG	*$12.00*	XESG	*$10.50*	ESG	*$ 9.00*

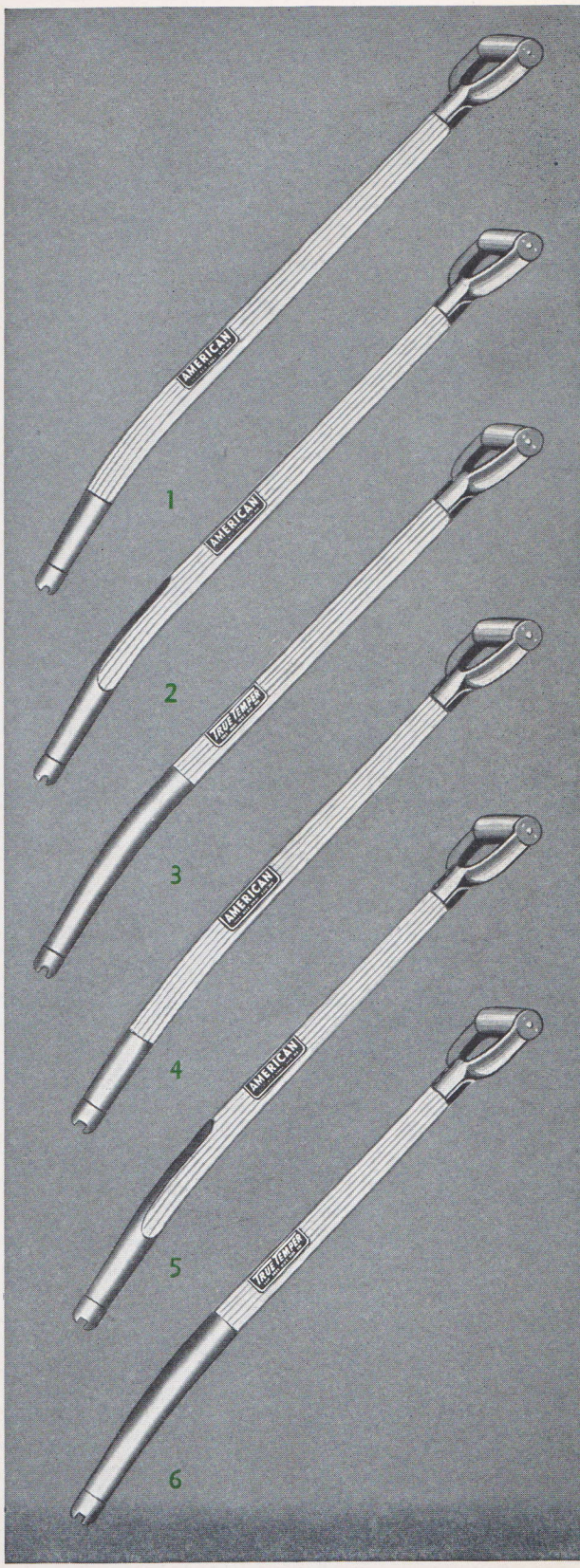
Bored, Ready to Drive On—Fitted with Plain Ferrules and Caps

XXESGP	*$13.50*	XESGP	*$12.00*	ESGP	*$10.50*

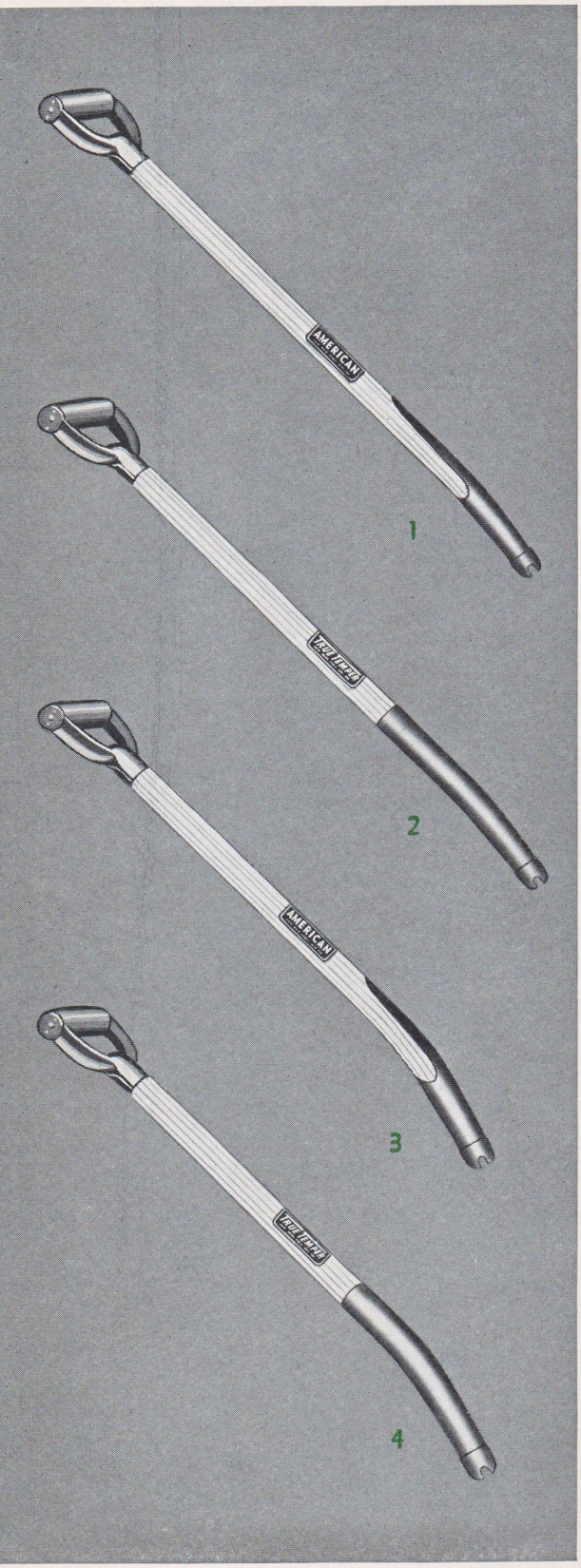
Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXESGS	*$15.00*	XESGS	*$13.50*	ESGS	*$12.00*

Although Illustrations cover IDL Steel D Tops, these handles can be furnished with Type E Steel D Tops as per listing.



1. IDL Manure Fork Handle—Plain Ferrule and Cap
2. IDL Manure Fork Handle—Strap Ferrule and Cap
3. IDL Manure Fork Handle—Tubular Ferrule and Cap
4. IDL Spading Fork Handle—Plain Ferrule and Cap
5. IDL Spading Fork Handle—Strap Ferrule and Cap
6. IDL Spading Fork Handle—Tubular Ferrule and Cap



1. IDL Potato Digging Fork Handle—Strap Ferrule and Cap
2. IDL Potato Digging Fork Handle—Tubular Ferrule and Cap
3. IDL Beet, Ensilage and Barn Fork Handle—Strap Ferrule and Cap
4. IDL Beet, Ensilage and Barn Fork Handle—Tubular Ferrule and Cap

IDL BENT POTATO DIGGING FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXIP	*$11.30*	XIP	*$ 9.80*	IP	*$ 8.30*

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXIPS	*$13.50*	XIPS	*$12.00*	IPS	*$10.50*

TYPE E STEEL D BENT POTATO DIGGING FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXEP	*$12.00*	XEP	*$10.50*	EP	*$ 9.00*

BENT—Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXEPS	*$14.30*	XEPS	*$12.80*	EPS	*$11.30*

IDL BENT BEET FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXIB	*$11.30*	XIB	*$ 9.80*	IB	*$ 8.30*

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXIBS	*$14.30*	XIBS	*$12.80*	IBS	*$11.30*

TYPE E STEEL D BENT BEET FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXEB	*$12.00*	XEB	*$10.50*	EB	*$ 9.00*

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXEBS	*$15.00*	XEBS	*$13.50*	EBS	*$12.00*

IDL BENT ENSILAGE and BARN FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXIE	*$11.30*	XIE	*$ 9.80*	IE	*$ 8.30*

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXIES	*$14.30*	XIES	*$12.80*	IES	*$11.30*

TYPE E STEEL D BENT ENSILAGE AND BARN FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXEE	*$12.00*	XEE	*$10.50*	EE	*$ 9.00*

Bored, Ready to Drive On
Fitted with Tubular Ferrules and Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXEES	*$15.00*	XEES	*$13.50*	EES	*$12.00*

Although Illustration covers IDL Steel D Tops, these handles can be furnished with Type E Steel D Tops as per listing.

IDL BENT COAL, COKE, STONE OR BALLAST FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXIC	*$11.30*	XIC	*$ 9.80*	IC	*$ 8.30*

Bored, Ready to Drive On
Fitted with Tubular Ferrules without Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXICS	*$14.30*	XICS	*$12.80*	ICS	*$11.30*

TYPE E STEEL D BENT COAL, COKE, STONE or BALLAST FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXEC	*$12.00*	XEC	*$10.50*	EC	*$ 9.00*

Bored, Ready to Drive On
Fitted with Tubular Ferrules without Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXECS	*$15.00*	XECS	*$13.50*	ECS	*$12.00*

IDL BENT VEGETABLE SCOOP HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXIV	*$11.30*	XIV	*$ 9.80*	IV	*$ 8.30*

Bored, Ready to Drive On
Fitted with Tubular Ferrules without Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXIVS	*$14.30*	XIVS	*$12.80*	IVS	*$11.30*

TYPE E STEEL D BENT VEGETABLE SCOOP HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXEV	*$12.00*	XEV	*$10.50*	EV	*$ 9.00*

Bored, Ready to Drive On
Fitted with Tubular Ferrules without Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXEVS	*$15.00*	XEVS	*$13.50*	EVS	*$12.00*

IDL BENT COTTON SEED FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXICO	*$11.30*	XICO	*$ 9.80*	ICO	*$ 8.30*

Bored, Ready to Drive On
Fitted with Tubular Ferrules without Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXICOS	*$14.30*	XICOS	*$12.80*	ICOS	*$11.30*

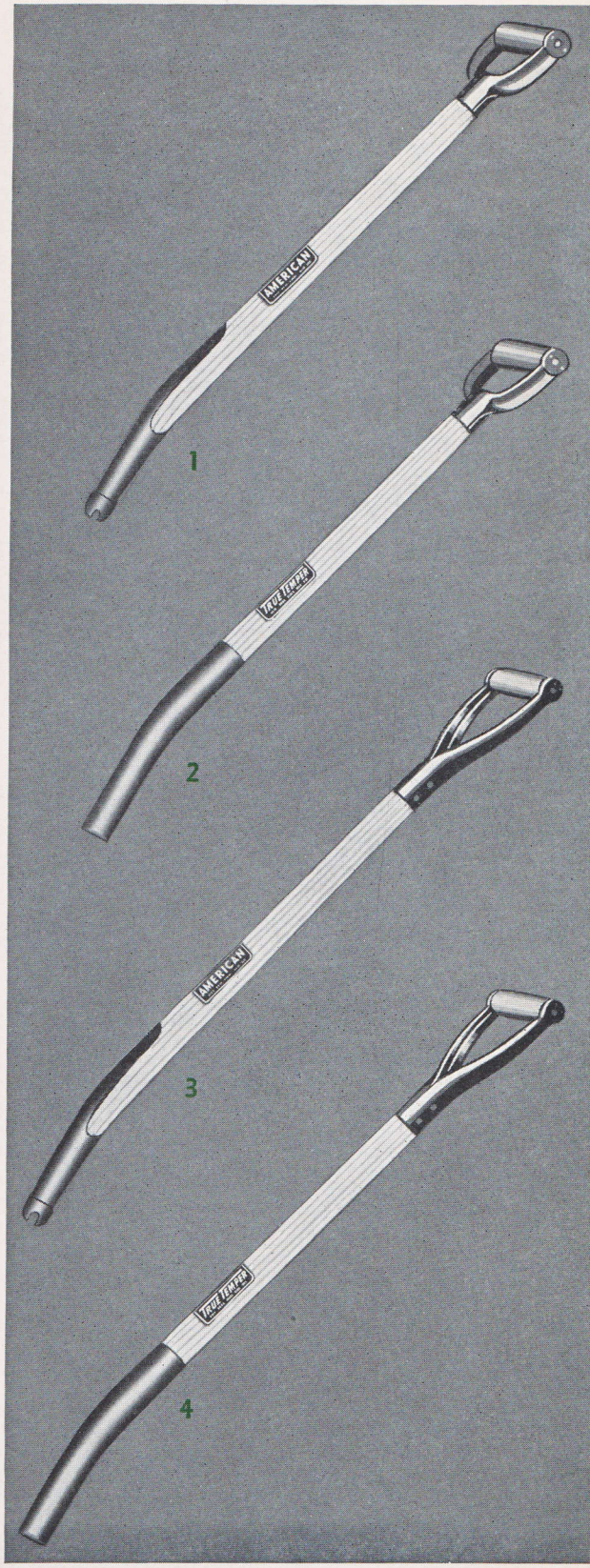
TYPE E STEEL D BENT COTTON SEED FORK HANDLES

Bored and Chucked—Without Ferrules or Caps

Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
XXECO	*$12.00*	XECO	*$10.50*	ECO	*$ 9.00*

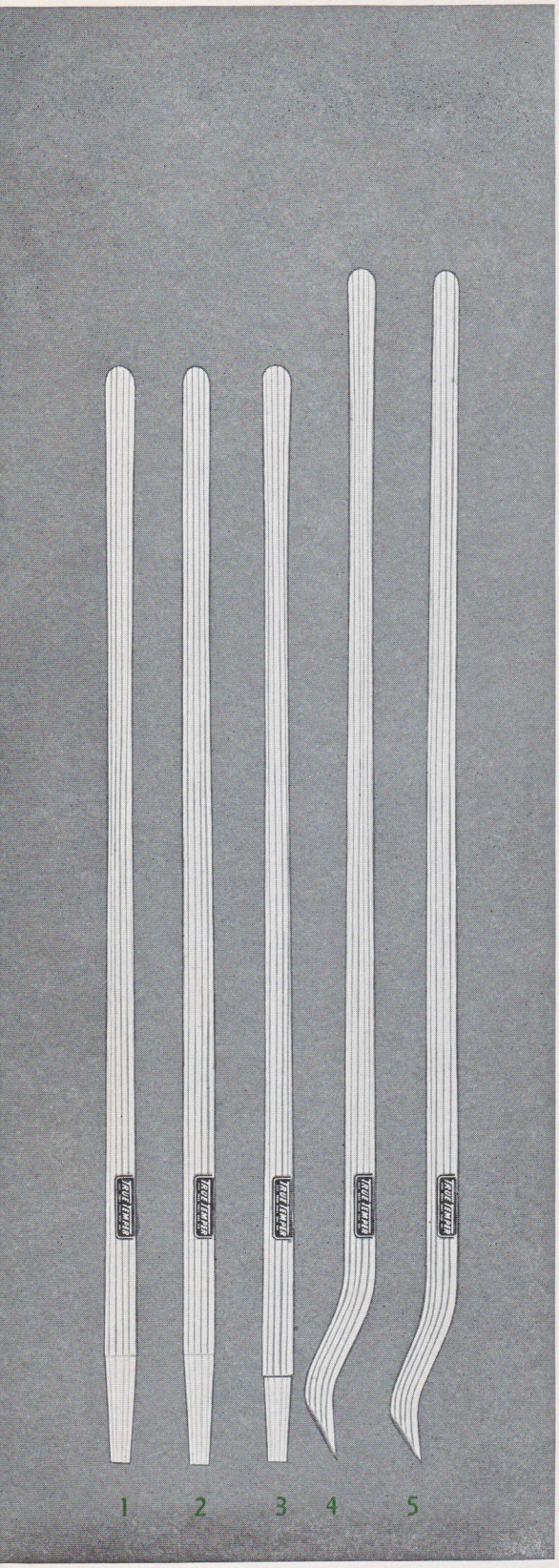
Bored, Ready to Drive On
Fitted with Tubular Ferrules without Caps in XX Grade
Fitted with Strap Ferrules and Caps in X and No. 1 Grade

XXECOS	*$15.00*	XECOS	*$13.50*	ECOS	*$12.00*



COAL, COKE, STONE, BALLAST, VEGETABLE SCOOP AND COTTON SEED FORK HANDLES

1. IDL With Strap Ferrule and Cap
2. IDL With Tubular Ferrule
3. Type E Steel D With Strap Ferrule and Cap
4. Type E Steel D With Tubular Ferrule



1. Solid Shank Shovel and Spade Handle —Knob End
2. Solid Shank Shovel and Spade Handle —Tapered Pattern
3. Maynard or Black Diamond Shovel Handle
4. Plain Back Bent Shovel Handle —Knob End
5. Plain Back Bent Shovel Handle —Tapered Pattern

LONG SOLID SHANK STRAIGHT SHOVEL AND SPADE HANDLES

Chucked Without Shoulders

Heavy Weight—Knob End Pattern

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
46½"	KLXX46½	*$10.50*	KLX46½	*$8.30*	KL1-46½	*$6.80*
48"	KLXX48	*10.50*	KLX48	*8.30*	KL1-48	*6.80*
54"	KLXX54	*11.30*	KLX54	*9.00*	KL1-54	*7.50*

Heavy Weight—Tapered Pattern

46½"	TLXX46½	*$10.50*	TLX46½	*$8.30*	TL1-46½	*$6.80*
48"	TLXX48	*10.50*	TLX48	*8.30*	TL1-48	*6.80*
54"	TLXX54	*11.30*	TLX54	*9.00*	TL1-54	*7.50*

Light Weight—Knob End Pattern

44½"	LXXB44½	*$10.50*	LXB44½	*$8.30*	L1B44½	*$6.80*

Extra Rivets Supplied with Handles.

LONG MAYNARD OR BLACK DIAMOND STRAIGHT SHOVEL HANDLES

For Solid Socket Shovels and Spades

Chucked With Shoulders

Ash

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
44½"	AZXX44½	*$10.50*	AZX44½	*$8.30*	AZ1-44½	*$6.80*
46½"	AZXX46½	*10.50*	AZX46½	*8.30*	AZ1-46½	*6.80*
48"	AZXX48	*10.50*	AZX48	*8.30*	AZ1-48	*6.80*
54"	AZXX54	*11.30*	AZX54	*9.00*	AZ1-54	*7.50*

Maple

44½"	MZXX44½	*$10.50*	MZX44½	*$8.30*	MZ1-44½	*$6.80*
46½"	MZXX46½	*10.50*	MZX46½	*8.30*	MZ1-46½	*6.80*
48"	MZXX48	*10.50*	MZX48	*8.30*	MZ1-48	*6.80*
54"	MZXX54	*11.30*	MZX54	*9.00*	MZ1-54	*7.50*

Knob End Pattern will be furnished unless otherwise specified.

LONG PLAIN BACK STRAP PATTERN BENT SHOVEL HANDLES

Regular Bend

Knob End Pattern—Regular Weight

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
54"	2X54	*$11.30*	1X54	*$9.00*	1-54	*$7.50*

Knob End Pattern—Light Weight

51"	2X51L	*$11.30*	1X51L	*$9.00*	1-51L	*$7.50*

Knob End Pattern—Featherweight

51"	2X51F	*$11.30*	1X51F	*$9.00*	1-51F	*$7.50*

Tapered Pattern—Regular Weight

54"	2X54T	*$11.30*	1X54T	*$9.00*	1-54T	*$7.50*

Regular Bend will be supplied unless otherwise specified. If Western (Carter) or Mining Bend is required, so specify.

LONG PLAIN BACK STRAP PATTERN BENT SPADE HANDLES

Knob End Pattern

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
54"	2X54GS	*$11.30*	1X54GS	*$ 9.00*	1-54GS	*$ 7.50*

Tapered Pattern

54"	2X54GST	*$11.30*	1X54GST	*$ 9.00*	1-54GST	*$ 7.50*

LONG HOLLOW BACK BENT SHOVEL, SPADE and SCOOP HANDLES

Specify Kind of Tool

Knob End Pattern — Regular Bend — Chucked with Shoulder

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
54"	2X54H	*$11.30*	1X54H	*$ 9.00*	1-54H	*$ 7.50*

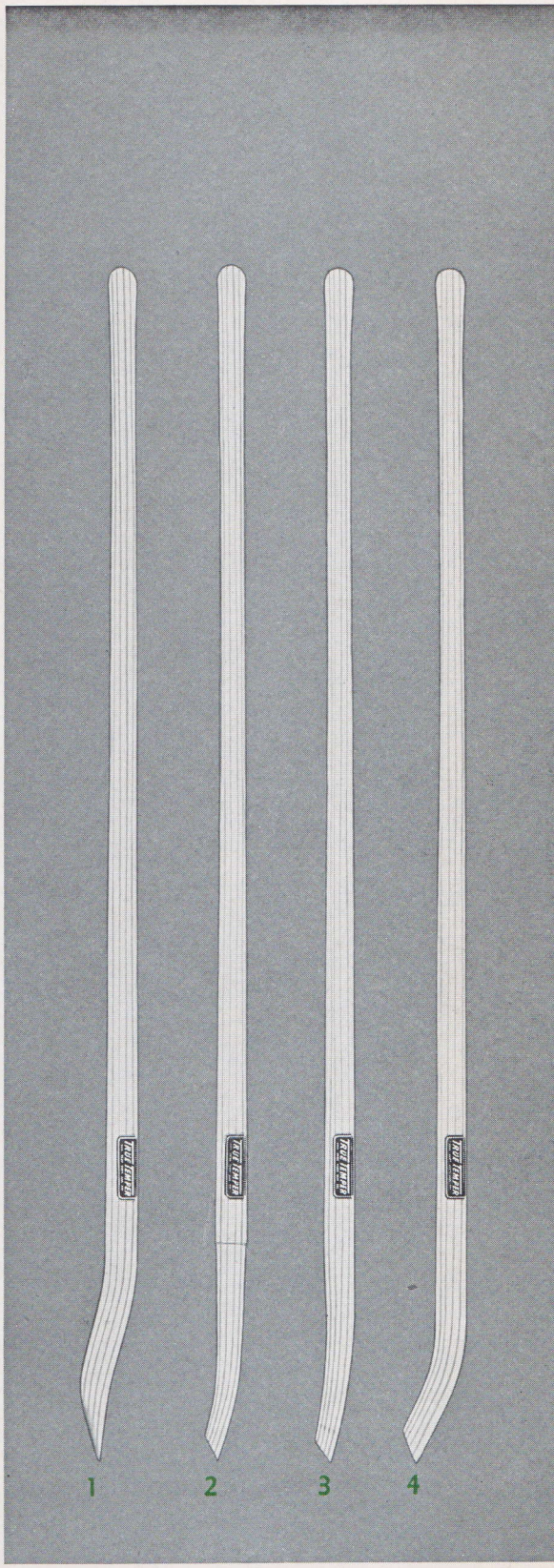
Without Shoulder — Tapered for Tab Socket

54"	2X54HT	*$11.30*	1X54HT	*$ 9.00*	1-54HT	*$ 7.50*

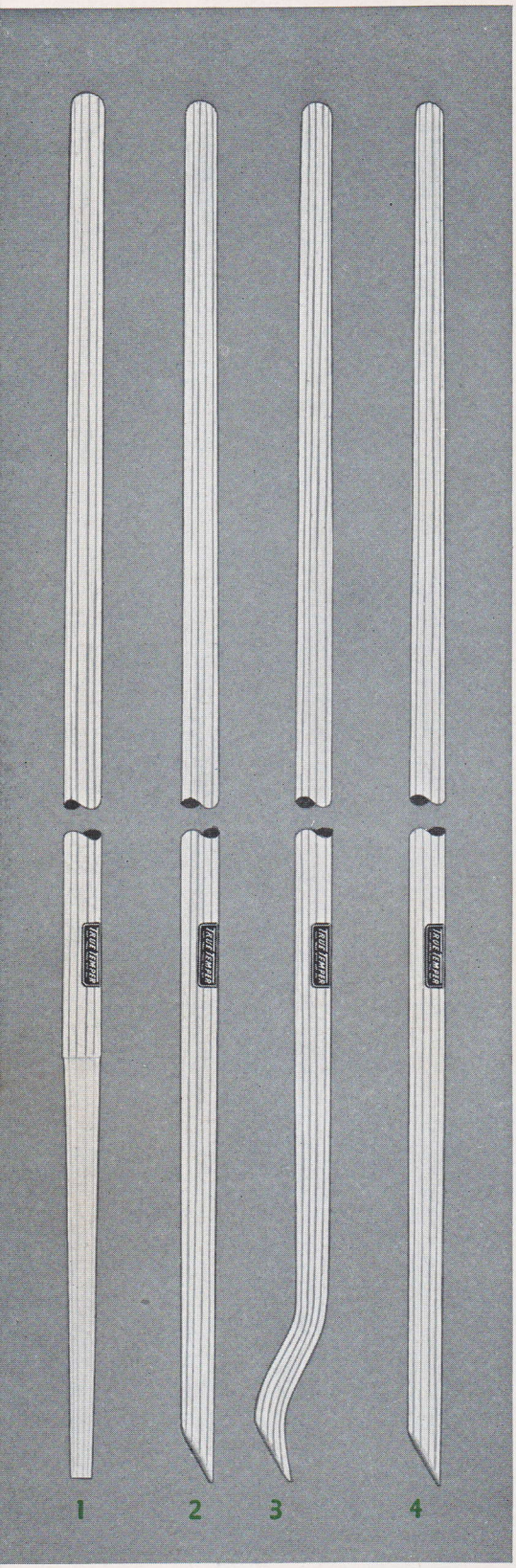
LONG STRAP or RIVETED BACK PATTERN BENT SCOOP HANDLES

Heavy Bend — Old Style

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
54"	SCXX54	*$11.30*	SCX54	*$ 9.00*	SC1-54	*$ 7.50*



1. Plain Back Bent Spade Handle — Knob End
2. Hollow Back Bent Shovel, Spade and Scoop Handle — With Shoulder
3. Hollow Back Bent Shovel, Spade and Scoop Handle — Without Shoulder
4. Strap or Riveted Back Bent Scoop Handle



1. Solid Shank Telegraph Shovel and Spoon Handle
2. Plain Back Telegraph Shovel Handle—Straight Shank
3. Plain Back Telegraph Shovel Handle—Bent Shank
4. Plain Back Telegraph Spoon Handle

ASH TELEGRAPH SHOVEL AND SPOON HANDLES

For Solid Shank Shovels and Spoons—Not Over 1 13/16" Dia.

Straight Shank

Length	Number	XX Per Doz.	Number	No. 1 Per Doz.
6′	XX6	$25.00	1-6	$13.10
7′	XX7	34.40	1-7	18.10
8′	XX8	42.70	1-8	25.20
9′	XX9	50.70	1-9	33.80
10′	XX10	58.20	1-10	43.60
12′	XX12	67.20	1-12	56.20
	Bent Shank			
6′	BXX6	$25.00	B1-6	$13.10
7′	BXX7	34.40	B1-7	18.10
8′	BXX8	42.70	B1-8	25.20
9′	BXX9	50.70	B1-9	33.80
10′	BXX10	58.20	B1-10	43.60
12′	BXX12	67.20	B1-12	56.20

ASH TELEGRAPH SHOVEL HANDLES

For Plain Back—Strap Pattern Telegraph Shovels—Not Over 1 13/16" Dia.

Straight Shank

Length	Number	XX Per Doz.	Number	No. 1 Per Doz.
6′	TSXX6	$25.00	TS1-6	$13.10
7′	TSXX7	34.40	TS1-7	18.10
8′	TSXX8	42.70	TS1-8	25.20
9′	TSXX9	50.70	TS1-9	33.80
10′	TSXX10	58.20	TS1-10	43.60
12′	TSXX12	67.20	TS1-12	56.20
	Bent Shank			
6′	TBXX6	$25.00	TB1-6	$13.10
7′	TBXX7	34.40	TB1-7	18.10
8′	TBXX8	42.70	TB1-8	25.20
9′	TBXX9	50.70	TB1-9	33.80
10′	TBXX10	58.20	TB1-10	43.60
12′	TBXX12	67.20	TB1-12	56.20

ASH TELEGRAPH SPOON HANDLES

For Plain Back—Strap Pattern Telegraph Spoons—Not Over 1 13/16" Dia.

Length	Number	XX Per Doz.	Number	No. 1 Per Doz.
6′	TXX6	$25.00	TS1-6	$13.10
7′	TXX7	34.40	TS1-7	18.10
8′	TXX8	42.70	TS1-8	25.20
9′	TXX9	50.70	TS1-9	33.80
10′	TXX10	58.20	TS1-10	43.60
12′	TXX12	67.20	TS1-12	56.20

EXTRA LENGTH LONG STRAIGHT SHOVEL HANDLES

Not Over 1½" Dia.

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
5′	SHSXX5	$12.00	SHSX5	$ 9.80	SHS1-5	$ 8.30
6′	SHSXX6	14.30	SHSX6	11.60	SHS1-6	9.20
7′	SHSXX7	19.20	SHSX7	15.60	SHS1-7	12.30
8′	SHSXX8	27.50	SHSX8	22.10	SHS1-8	17.40
9′	SHSXX9	35.00	SHSX9	27.70	SHS1-9	20.80
10′	SHSXX10	41.00	SHSX10	35.00	SHS1-10	27.00
12′	SHSXX12	47.00	SHSX12	41.00	SHS1-12	34.70

EXTRA LENGTH LONG BENT SHOVEL HANDLES

Not Over 1½" Dia.

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
5′	SHXX5	$15.00	SHX5	$12.80	SH1-5	$11.30
6′	SHXX6	17.60	SHX6	14.90	SH1-6	12.50
7′	SHXX7	22.80	SHX7	19.20	SH1-7	15.90
8′	SHXX8	31.60	SHX8	26.20	SH1-8	21.50
9′	SHXX9	39.60	SHX9	32.30	SH1-9	25.40
10′	SHXX10	46.20	SHX10	40.20	SH1-10	32.20
12′	SHXX12	53.40	SHX12	47.40	SH1-12	41.10

D SOLID SHANK STRAIGHT SHOVEL AND SPADE HANDLES

Specify Light or Heavy Pattern

Chucked without Shoulders

	Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
Type E Steel D	24″	EXXD24	$ 9.80	EXD24	$ 8.30	E1D24	$6.80
Split D	24″	SXXD24	9.80	SXD24	8.30	S1D24	6.80
IDL Steel D	24″	IXXD24	9.80	IXD24	8.30	I-1D24	6.80
Old Style Wood D	24″	WXXD24	10.50	WXD24	9.00	W1D24	7.50

Extra rivets supplied with handles.

D MAYNARD OR BLACK DIAMOND STRAIGHT SHOVEL HANDLES

For Solid Socket Shovels and Spades
Chucked with Shoulders

	Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
Type E Steel D	24″	EZXX	$ 9.80	EZX	$ 8.30	EZ1	$6.80
Split D	24″	SZXX	9.80	SZX	8.30	SZ1	6.80
IDL Steel D	24″	IZXX	9.80	IZX	8.30	IZ1	6.80
Old Style Wood D	24″	WZXX	10.50	WZX	9.00	WZ1	7.50

D PLAIN BACK STRAP PATTERN BENT SHOVEL HANDLES

Regular Bend

	Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
Type E Steel D	30″	EXXP	$11.30	EXP	$ 9.80	E1P	$8.30
Split D	30″	SXXP	11.30	SXP	9.80	S1P	8.30
IDL Steel D	30″	IXXP	11.30	IXP	9.80	I-1P	8.30
Old Style Wood D	30″	WXXP	12.00	WXP	10.50	W1P	9.00

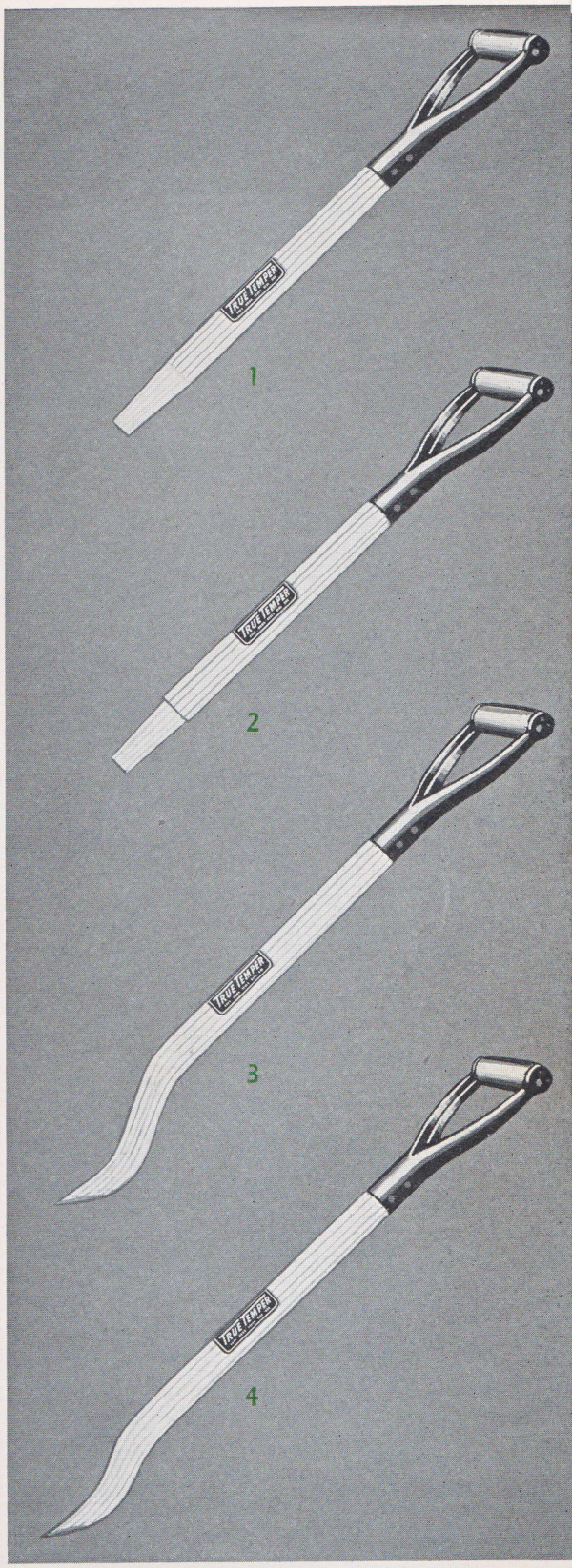
Regular Bend will be supplied unless otherwise specified. If Western (Carter) or Mining Bend is required, so specify.

D PLAIN BACK STRAP PATTERN BENT SPADE HANDLES

For Garden, Ditch, Drain, Post and Vaterland Spades

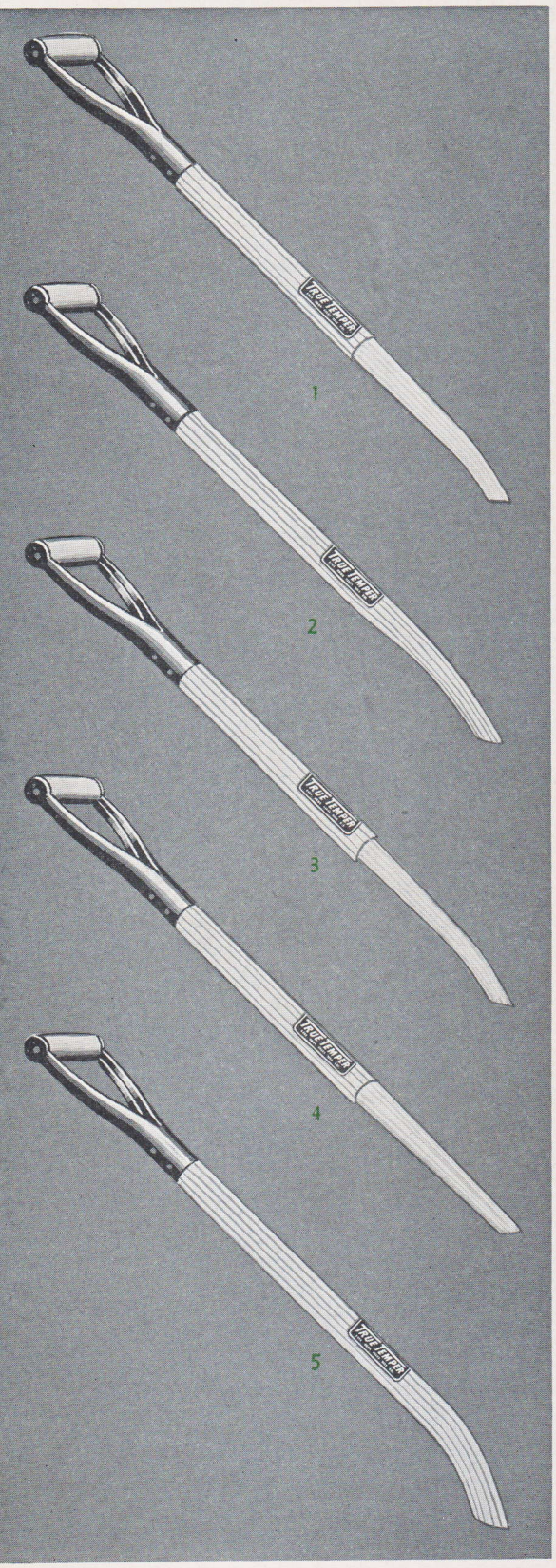
Specify Kind of Tool

	Length	XX Number	XX Per Doz.	X Number	X Per Doz.	No. 1 Number	No. 1 Per Doz.
Type E Steel D	30″	EXXGS30	$11.30	EXGS30	$ 9.80	E1GS30	$8.30
" " " "	34″	EXXGS34	12.80	EXGS34	11.30	E1GS34	9.00
Split D	30″	SXXGS30	11.30	SXGS30	9.80	S1GS30	8.30
" "	34″	SXXGS34	12.80	SXGS34	11.30	S1GS34	9.00
IDL Steel D	30″	IXXGS30	11.30	IXGS30	9.80	I-1GS30	8.30
" " "	34″	IXXGS34	12.80	IXGS34	11.30	I-1GS34	9.00
Old Style Wood D	30″	WXXGS30	12.00	WXGS30	10.50	W1GS30	9.00
" " " "	34″	WXXGS34	13.50	WXGS34	12.00	W1GS34	9.70



TYPE E STEEL D SHOVEL AND SPADE HANDLES

1. Solid Shank Shovel and Spade Handle
2. Maynard or Black Diamond Shovel Handle
3. Plain Back Bent Shovel Handle
4. Plain Back Bent Spade Handle



TYPE E STEEL D SHOVEL, SPADE AND SCOOP HANDLES

1. Hollow Back—Bent—With Shoulder
2. Hollow Back—Bent—Without Shoulder
3. Hollow Back—Bent—Lightweight Grain or Gravel
4. Hollow Back—Straight—With Shoulder
5. Strap or Riveted Back—Scoop Handle

D HOLLOW BACK BENT SHOVEL, SPADE AND SCOOP HANDLES

Regular Bend—Chucked with Shoulder

	Length	Number	XX Per Doz.	Number	X Per Doz.	No.	No. 1 Per Doz.
Type E Steel D	28″ or 30″	EXXH	*$11.30*	EXH	*$ 9.80*	E1H	*$8.30*
Split D	28″ or 30″	SXXH	*11.30*	SXH	*9.80*	S1H	*8.30*
IDL Steel D	28″ or 30″	IXXH	*11.30*	IXH	*9.80*	I-1H	*8.30*
Old Style Wood D	28″ or 30″	WXXH	*2.00*	WXH	*10.50*	W1H	*9.00*

D HOLLOW BACK BENT SHOVEL, SPADE AND SCOOP HANDLES

Without Shoulder—Tapered for Tab Socket

	Length	Number	XX Per Doz.	Number	X Per Doz.	No.	No. 1 Per Doz.
Type E Steel D	28″ or 30″	EXXHT	*$11.30*	EXHT	*$ 9.80*	E1HT	*$8.30*
Split D	28″ or 30″	SXXHT	*11.30*	SXHT	*9.80*	S1HT	*8.30*
IDL Steel D	28″ or 30″	IXXHT	*11.30*	IXHT	*9.80*	I-1HT	*8.30*
Old Style Wood D	28″ or 30″	WXXHT	*12.00*	WXHT	*10.50*	W1HT	*9.00*

D HOLLOW BACK BENT SCOOP HANDLES

For Lightweight Grain or Gravel Scoops
Chucked for Small Socket

	Length	Number	XX Per Doz.	Number	X Per Doz.	No.	No. 1 Per Doz.
Type E Steel D	28″ or 30″	ELGXX	*$1!.30*	ELGX	*$ 9.80*	ELG1	*$8.30*
Split D	28″ or 30″	SLGXX	*11.30*	SLGX	*9.80*	SLG1	*8.30*
IDL Steel D	28″ or 30″	ILGXX	*11.30*	ILGX	*9.80*	ILG1	*8.30*
Old Style Wood D	28″ or 30″	WLGXX	*12.00*	WLGX	*10.50*	WLG1	*9.00*

D HOLLOW BACK STRAIGHT SHOVEL, SPADE OR SCOOP HANDLES

Chucked with Shoulder

	Length	Number	XX Per Doz.	Number	X Per Doz.	No.	No. 1 Per Doz.
Type E Steel D	28″ or 30″	ECHSXX	*$10.50*	ECHSX	*$9.00*	ECHS1	*$7.50*
Split D	28″ or 30″	SCHSXX	*10.50*	SCHSX	*9.00*	SCHS1	*7.50*
IDL Steel D	28″ or 30″	ICHSXX	*10.50*	ICHSX	*9.00*	ICHS1	*7.50*
Old Style Wood D	28″ or 30″	WCHSXX	*11.30*	WCHSX	*9.80*	WCHS1	*8.30*

D STRAP OR RIVETED BACK PATTERN BENT SCOOP HANDLES

Heavy Bend—Old Style

	Length	Number	XX Per Doz.	Number	X Per Doz.	No.	No. 1 Per Doz.
Type E Steel D	30″	ESCXX	*$11.30*	ESCX	*$ 9.80*	ESC1	*$8.30*
Split D	30″	SSCXX	*11.30*	SSCX	*9.80*	SSC1	*8.30*
IDL Steel D	30″	ISCXX	*11.30*	ISCX	*9.80*	ISC1	*8.30*
Old Style Wood D	30″	WSCXX	*12.00*	WSCX	*10.50*	WSC1	*9.00*

D STRAIGHT SHOVEL OR SPADE HANDLES

Plain End Not Chucked

	Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
Type E Steel D	30″	ESHSXX	$ 9.80	ESHSX	$ 8.30	ESHS1	$6.80
Split D	30″	SSHSXX	9.80	SSHSX	8.30	SSHS1	6.80
IDL Steel D	30″	ISHSXX	9.80	ISHSX	8.30	ISHS1	6.80
Old Style Wood D	30″	WSHSXX	10.50	WSHSX	9.00	WSHS1	7.50

D BENT TILING SPADE HANDLES

Bored and Chucked—Without Ferrules or Caps

	Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
Type E Steel D	28″	ETXX	$11.30	ETX	$ 9.80	ET1	$8.30
IDL Steel D	28″	ITXX	11.30	ITX	9.80	IT1	8.30

D BENT TILING SPADE HANDLES

Fitted with Strap Ferrules and Caps
Bored, Ready to Drive On

	Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
Type E Steel D	28″	ETSXX	$14.30	ETSX	$12.80	ETS1	$11.30
IDL Steel D	28″	ITSXX	14.30	ITSX	12.80	ITS1	11.30

TYPE E STEEL D PIEN GRIP MOULDERS' SHOVEL HANDLES

For Solid Shank Shovels

Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
24″	EXXWP	$ 9.80	EXWP	$ 8.30	E1WP	$ 6.80

For Plain Back—Strap Pattern Shovels

30″	EXXWPP	$11.30	EXWPP	$ 9.80	E1WPP	$ 8.30

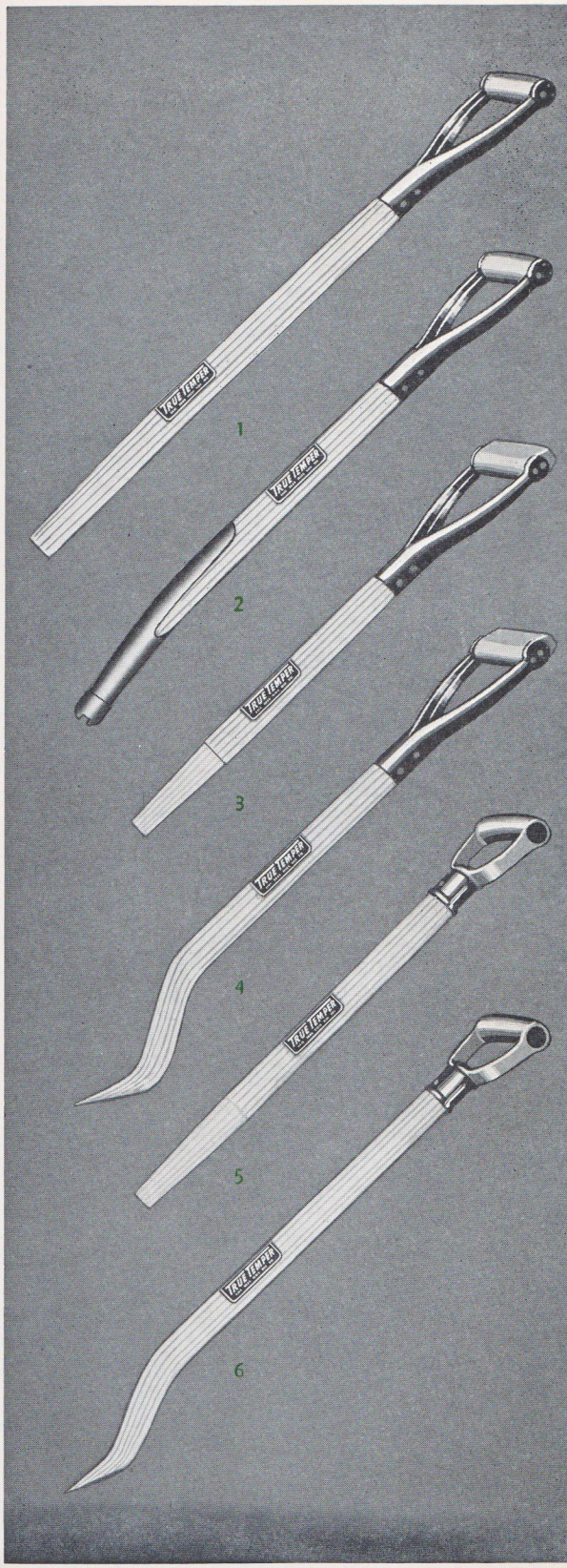
ALL IRON MALLEABLE D TOP TRACK SHOVEL HANDLES

For Solid Shank Shovels

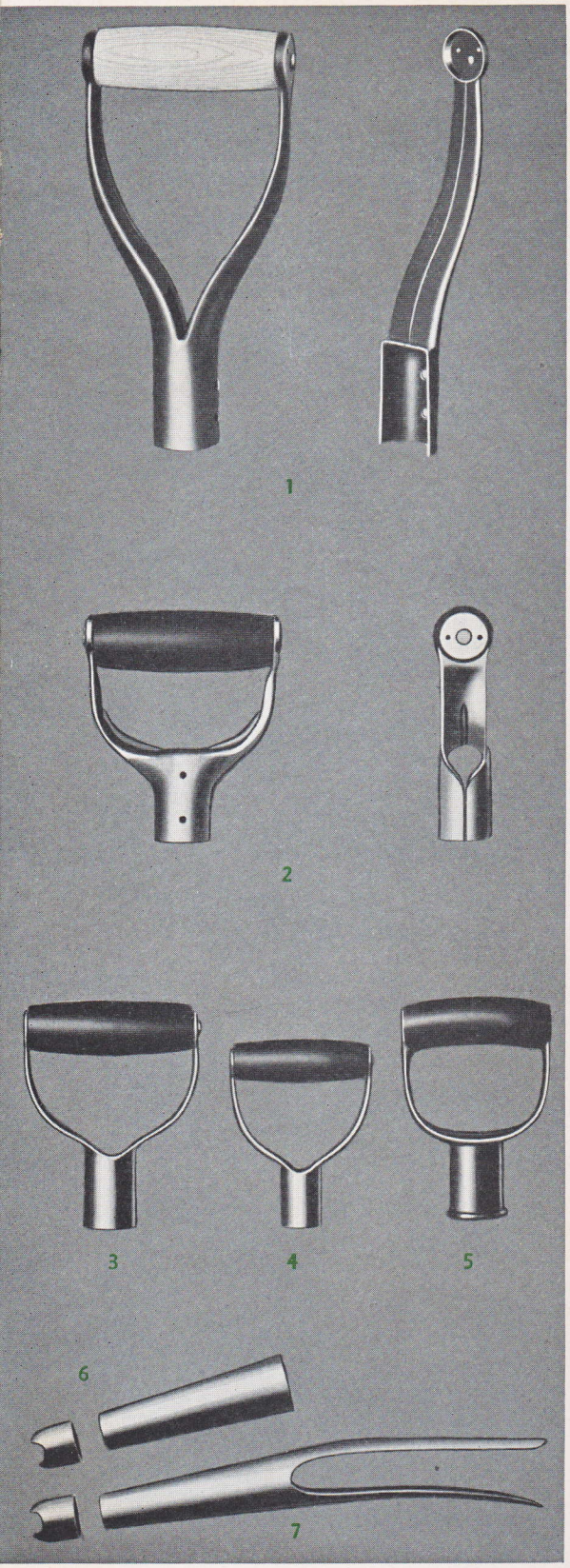
Length	Number	XX Per Doz.	Number	X Per Doz.	Number	No. 1 Per Doz.
24″	MXXD	$12.00	MXD	$10.50	M1D	$ 9.00

For Plain Back—Strap Pattern Shovels

30″	MXXP	$13.50	MXP	$12.00	M1P	$10.50



1. Type E Steel D Straight Shovel or Spade Handle —Not Chucked
2. Type E Steel D Tiling Spade Handle with Strap Ferrule
3. Type E Steel D Solid Shank Moulders' Shovel Handle
4. Type E Steel D Plain Back Moulders' Shovel Handle
5. Malleable D Solid Shank Track Shovel Handle
6. Malleable D Plain Back Track Shovel Handle



1. Type E Steel D Top
2. IDL Steel D Top
3. J R Steel D Top
4. J L Steel D Top
5. All Iron Malleable D Top
6. Plain Ferrule with Cap
7 Strap Ferrule with Cap

D TOPS, FERRULES and CAPS

	Number	Per Doz.
Type E Steel D Tops	TESD	$ 4.50
IDL Steel D Tops	IDLT	3.80
J R Steel D Tops	JRT	3.00
J L Steel D Tops	JLT	3.00
All Iron Malleable D Tops—Iron Grips	SDT	6.00
Plain Hay Fork Ferrules	PHF	1.25
Plain Manure Fork or Planter Hoe Ferrules	PMF	1.25
Plain Round End Hay Fork or Regular Cotton Hoe Ferrules	PRHF	1.35
Plain Hoe and Rake Ferrules	HRF	1.10
Plain Round End Hoe Rake or Light Cotton Hoe Ferrules	RHF	1.20
Plain Spading Fork Ferrules	PSF	1.35
Strap Hay Fork Ferrules	SHF	2.60
Strap Manure Fork Ferrules	SMF	2.60
Strap Header Fork Ferrules	SHEF	2.60
Strap Spading or Heavy Fork Ferrules	SSHF	3.00
Hay Fork Caps	HC	.95
Manure Fork Caps	MC	.95
Header Fork Caps	HEC	.95
Boy Hay Fork Caps	BHC	.85
Hoe and Rake Caps	HRC	.85
Spading or Heavy Fork Caps	SHC	1.00
Planter or Mortar Hoe Caps	COC	.95

Schedule of Weights Per Dozen

The weights shown are for Handles tied in bundles ready to ship.
Considering the wide range of sizes, grades and other details, these figures are of necessity an estimate only. They are not guaranteed, but are sufficiently accurate for use as a basis of estimate.

	Pounds
3½ ft. Hay Fork	15
4 ft. " "	17
4½ ft. " "	19
5 ft. " "	22
5½ ft. " "	24
6 ft. " "	26
6½ ft. " "	28
7 ft. " "	30
7½ ft. " "	35
8 ft. " "	38
8½ ft. " "	41
9 ft. " "	44
10 ft. " "	50
12 ft. " "	56
3½ ft. Manure Fork	18
4 ft. " "	20
4½ ft. " "	22
5 ft. " "	24
5½ ft. " "	26
6 ft. " "	28

Three tine Header Fork—same as Hay Fork.

Four tine Header, Alfalfa, Barley, Clover and Grain Fork—same as Manure Fork.

4 ft. Spading Fork	22
4½ ft. " "	25
4 ft. Field, Garden Hoe and Rake	15
4½ ft. " " " " "	16
5 ft. " " " " "	17
5½ ft. " " " " "	18
6 ft. " " " " "	21
6½ ft. " " " " "	24
7 ft. " " " " "	28
7½ ft. " " " " "	31
8 ft. " " " " "	34

Mortar, Cotton and Shank Planter Hoe—same as Hay Fork.

Railroad and Garden Scuffle Hoe—same as Hay Fork.

4 ft. long, 1¾ in. butt, Planter Eye Hoe	23
4 ft. " 2 in. " " " "	24
4 ft. " 2⅛ in. " " " "	25
4 ft. " 2¼ in. " " " "	26
4 ft. " 2½ in. " " " "	28

	Pounds
4½ ft. long, 1¾ in. butt, Planter Eye Hoe	24
4½ ft. " 2 in. " " " "	26
4½ ft. " 2⅛ in. " " " "	27
4½ ft. " 2¼ in. " " " "	28
4½ ft. " 2½ in. " " " "	30
5 ft. long, 1¾ in. butt, Planter Eye Hoe	25
5 ft. " 2 in. " " " "	27
5 ft. " 2⅛ in. " " " "	28
5 ft. " 2¼ in. " " " "	30
5 ft. " 2½ in. " " " "	35
5½ ft. long, 1¾ in. butt, Planter Eye Hoe	27
5½ ft. " 2 in. " " " "	30
5½ ft. " 2⅛ in. " " " "	31
5½ ft. " 2¼ in. " " " "	32
5½ ft. " 2½ in. " " " "	37
6 ft. long, 1¾ in. butt, Planter Eye Hoe	32
6 ft. " 2 in. " " " "	34
6 ft. " 2⅛ in. " " " "	35
6 ft. " 2¼ in. " " " "	36
6 ft. " 2½ in. " " " "	40
4½ ft. German Sq. Eye Hoe	20
4½ ft. Solid Eye Mattock Hoe	22
5 ft. " " " "	24

Shepherd Crook—same as Rake.

6 ft. Drain Cleaner	27
5 ft. Stone Hook	24

Asphalt or Tar Rake—same as Hay Fork.

Light Potato Hook—same as Field Hoe.

Heavy " " same as Hay Fork

4 ft. Shovel, Spade and Scoop	25
4½ ft. " " " "	28
Steel D Handles—Type E—all kinds	20
Steel D Handles—IDL—all kinds	20
Wood D Handles—all kinds	20
Strap Ferrules	3
Plain Ferrules	2
Type E—Steel D Tops	9
IDL Steel D Tops	9
J R Steel D Tops	7
All Iron D Tops	12½

For the above Handles with Tubular or Strap Ferrules and Caps, add 3 pounds per dozen. With Plain Ferrules, add 2 pounds per dozen.

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